DEPT. OF ENG., HIST., & GOVT.

ANNUAL REGISTER UNITED STATES NAVAL ACADEMY ANNAPOLIS, MD.

SIXTY-NINTH ACADEMIC YEAR, 1913-1914

GOVERNMENT PRINTING OFFICE
WASHINGTON, D. C. 1913

ANNUAL REGISTER

OF THE

United States Naval Academy

ANNAPOLIS, MD.

OCTOBER 1, 1913

SIXTY-NINTH ACADEMIC YEAR

1913–1914

WASHINGTON
GOVERNMENT PRINTING OFFICE
1913

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THE UNITED STATES NAVAL ACADEMY.

The United States Naval Academy was founded in 1845 by the Hon. George Bancroft, Secretary of the Navy, in the administration of President James K. Polk. It was formally opened October 10 of that year under the name of the Naval School, with Commander Franklin Buchanan as superintendent. It was placed at Annapolis, Md., on the land occupied by Fort Severn, which was given up by the War Department for the purpose. The course was fixed at five years, of which only the first year and the last were spent at the school, the intervening three years being passed at sea. This arrangement was not strictly adhered to, the exigencies of the service making it necessary, in many cases, to shorten the period of study. In January, 1846, four months after the opening of the school, the students consisted of 36 midshipmen of the date of 1840, who were preparing for the examination for promotion; 13 of the date of 1841, who were to remain until drafted for service at sea; and 7 acting midshipmen, appointed after September of the previous year. The midshipmen of the date of 1840 were the first to be graduated, finishing their limited course in July, 1846, and they were followed in order by the subsequent dates until the reorganization of the school in 1850.

In September, 1849, the following board was appointed to revise the plan and the regulations of the Naval School:

Commander William B. Shubrick,
Commander Franklin Buchanan,
Commander Samuel F. Du Pont,
Commander George P. Upshur,
Surg. W. S. W. Ruschenberger,
Prof. William Chauvenet,
Capt. Henry Brewerton, United States Army.

The plan reported by the board was approved, and went into operation July 1, 1850. The new organization provided for a course of seven years, the first two and the last two at the school and the three intermediate years at sea. The school was placed under the supervision of the Bureau of Ordnance and Hydrography, and its name was changed to the United States Naval Academy. The corps of professors was enlarged, the course was extended, and the system of separate departments with executive heads was fully adopted. It was provided that a Board of Visitors should make an annual inspection of the academy and report upon its condition to the Secretary of the Navy. A suitable vessel was attached to the academy as a practice ship, and the annual practice cruises were begun.

After the system had been in operation a year new changes were proposed, and the recommendations of the academic board on the subject were referred to the board of examiners for the year 1851, composed of the following-named officers:

Commodore David Conner,
Capt. Samuel L. Breese,
Commander C. K. Stribling,
Commander A. Bigelow,
Commander Franklin Buchanan,
Lieut. Thomas T. Craven.

The change recommended by the board of examiners, and adopted by the department, consisted mainly in leaving out the requirement of three years of sea service

in the middle of the course, thus making the four years of study consecutive. The practice cruise supplied the place of the omitted sea service and gave better opportunities for training. The change went into operation in November, 1851, together with other improvements recommended by the board. This system has been continued, with some slight modifications, to the present time. The first class to receive the benefit of it was that which entered in 1851. Six members of this class completed the course in three years and were graduated in June, 1854; the rest of the class followed in 1855.

In May, 1861, on the outbreak of the war, the academy was moved to Newport, R. I. The three upper classes were detached and ordered to sea, and the remaining acting midshipmen were quartered in the Atlantic House and on board the frigates *Constitution* and *Santee*. In the summer of 1865 the academy was brought back to Annapolis, where it has since remained.

When the Bureau of Navigation was established, July 5, 1862, the academy was placed under its supervision; March 1, 1867, it was placed under the direct care and supervision of the Navy Department, the administrative routine and financial management being still conducted through the bureau. On the 11th of March, 1869, this official connection with the bureau ceased, but was renewed by the general order of the Navy Department issued June 25, 1889.

The term of the academic course was changed by law, March 3, 1873, from four to six years. The change took effect with the class that entered in the following summer.

In 1866 a class of acting third assistant engineers was ordered to the academy for instruction. The course embraced the subjects of steam engineering, mechanism, chemistry, mechanics, and practical exercises with the steam engine and in the machine shop. This class was graduated in June, 1868, together with two cadet engineers who had entered the academy in 1867. After an interval of four years, in October, 1871, a new class of cadet engineers was admitted. This class followed a two years' course, somewhat more extended than that of the class of 1868, and was graduated in 1873. In 1872 and 1873 new classes were admitted, the first of which left the academy in 1874 and the second in 1875. By an act of Congress approved February 24, 1874, the course of instruction for cadet engineers was made four years instead of two; the new provision was first applied to the class entering the academy in the year 1874. This class was graduated in June, 1878.

By an act of Congress approved August 5, 1882, it was provided that from that date "there shall be no appointments of cadet midshipmen or cadet engineers at the Naval Academy, but in lieu thereof naval cadets shall be appointed from each congressional district and at large, as now provided by law for cadet midshipmen, and all the undergraduates at the Naval Academy shall hereafter be designated and called 'naval cadets,' and from those who successfully complete the six years' course appointments shall hereafter be made as it is necessary to fill vacancies in the lower grades of the Line and Engineer Corps of the Navy and of the Marine Corps: *And provided further*, That no greater number of appointments into these grades shall be made each year than shall equal the number of vacancies which has occurred in the same grades during the preceding year; such appointments to be made from the graduates of the year, at the conclusion of their six years' course, in the order of merit, as determined by the academic board of the Naval Academy; the assignment to the various corps to be made by the Secretary of the Navy upon the recommendation of the academic board. But nothing herein contained shall reduce the number of appointments from such graduates below ten in each year, nor deprive of such appointment any graduate who may complete the six years' course during the year eighteen hundred and eighty-two. And if there be a surplus of graduates, those who do not receive such appointment shall be given a certificate of graduation, an honorable discharge, and one year's sea pay, as now provided by law for cadet midshipmen; and so much of section fifteen

hundred and twenty-one of the Revised Statutes as is inconsistent herewith is hereby repealed."

"That any cadet whose position in his class entitles him to be retained in the service may, upon his own application, be honorably discharged at the end of the four years' course at the Naval Academy, with a proper certificate of graduation."

In 1886 a special course of instruction in physiology and hygiene was established, in accordance with an act of Congress approved May 20 of that year.

The act of Congress approved March 2, 1889, provides that "the academic board of the Naval Academy shall on or before the thirtieth day of September in each year separate the first class of naval cadets then commencing their fourth year into two divisions, as they may have shown special aptitude for the duties of the respective corps, in the proportion which the aggregate number of vacancies occurring in the preceding fiscal year ending on the thirtieth day of June in the lowest grade of commissioned officers of the Line of the Navy and Marine Corps of the Navy shall bear to the number of vacancies to be supplied from the academy occurring during the same period in the lowest grade of commissioned officers of the Engineer Corps of the Navy; and the cadets so assigned to the Line and Marine Corps division of the first class shall thereafter pursue a course of study arranged to fit them for service in the Line of the Navy, and the cadets so assigned to the Engineer Corps division of the first class shall thereafter pursue a separate course of study arranged to fit them for service in the Engineer Corps of the Navy, and the cadets shall thereafter, and until final graduation at the end of their six years' course, take rank by merit with those in the same division according to the merit marks; and from the final graduates of the Line and Marine Corps division, at the end of their six years' course, appointments shall be made hereafter as it shall be necessary to fill vacancies in the lowest grades of commissioned officers of the Line of the Navy and Marine Corps; and the vacancies in the lowest grades of the commissioned officers of the Engineer Corps of the Navy shall be filled in like manner by appointments from the final graduates of the engineer division at the end of their six years' course: *Provided*, That no greater number of appointments into the said lowest grades of commissioned officers shall be made each year than shall equal the number of vacancies which shall have occurred in the same grades during the fiscal year then current; such appointments to be made from the final graduates of the year, in the order of merit as determined by the academic board of the Naval Academy, the assignment to be made by the Secretary of the Navy upon the recommendation of the academic board at the conclusion of the fiscal year then current; but nothing contained herein or in the naval appropriation act of August fifth, eighteen hundred and eighty-two, shall reduce the number of appointments of final graduates at the end of their six years' course below twelve in each year to the Line of the Navy, and not less than two shall be appointed annually to the Engineer Corps of the Navy, nor less than one annually to the Marine Corps; and if the number of vacancies in the lowest grades aforesaid occurring in any year shall be greater than the number of final graduates of that year the surplus vacancies shall be filled from the final graduates of following years as they shall become available.

"That after the fourth day of March, eighteen hundred and ninety-nine, the minimum age of admission of cadets to the academy shall be fifteen years and the maximum age twenty years."

In October, 1897, a post-graduate course in naval architecture, for the education of officers for the Construction Corps of the Navy, was established; and a class was formed from the naval cadets that had finished the four years' course in that year.

By an act of Congress approved March 3, 1899, "the officers constituting the Engineer Corps of the Navy" were "transferred to the Line of the Navy," thereby repealing so much of the act of Congress approved March 2, 1889, as relates to the separation of naval cadets of the first class into line and engineer divisions.

This same act having limited the number of constructors in the Navy to 40, the post-graduate course in naval architecture was discontinued.

By an act of Congress approved June 7, 1900, it was provided that—

"Whenever any naval cadet shall have finished four years of his undergraduate course of six years the succeeding appointment may be made from his congressional district or at large in accordance with the existing law."

By an act of Congress approved July 1, 1902, it was provided that—

"The title 'naval cadet' is hereby changed to 'midshipman.'

"That until the year nineteen hundred and fourteen, in addition to the naval cadets now authorized by law (the title having been changed by this act to midshipmen), the President shall appoint five midshipmen, and there shall be appointed from the States at large, upon the recommendation of Senators, two midshipmen for each State."

By an act of Congress approved March 3, 1903, it was provided that—

"There shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, two for the District of Columbia, and five each year at large: *Provided*, That the additional congressional appointments authorized by this act shall be made at such time as may be determined by the Secretary of the Navy, who shall equitably distribute the increase among the several States, districts, and Territories, so that ultimately, if practicable, each Senator, Representative, and Delegate may recommend for appointment during each Congress one midshipman: *Provided further*, That members of the Fifty-seventh Congress who will not be Members of the Fifty-eighth Congress, and in whose districts or States appointments have not been made or vacancies filled in the Fifty-seventh Congress, may immediately upon the passage of this act make the additional appointments herein provided for.

"The Secretary of the Navy shall, as soon as practicable after the fifth day of March in each year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy which may be regarded as existing in the State, district, or Territory which he represents, and the nomination of a candidate to fill such vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate. Such recommendations shall be made by the first day of June of that year, and if not so made the Secretary of the Navy shall fill the vacancy by the appointment of an actual resident of the State, district, or Territory in which the vacancy exists, who shall have been for at least two years immediately preceding his appointment an actual bona fide resident of the State, district, or Territory in which the vacancy exists and shall have the qualifications otherwise prescribed by law: *And provided further*, That the Superintendent of the Naval Academy shall make such rules, to be approved by the Secretary of the Navy, as will effectually prevent the practice of hazing; and any cadet found guilty of participating in or encouraging or countenancing such practice shall be summarily expelled from the academy, and shall not thereafter be reappointed to the Corps of Cadets or be eligible for appointment as a commissioned officer in the Army or Navy or Marine Corps until two years after the graduation of the class of which he was a member.

"That the provisions of this act for the increase of appointments of midshipmen to the Naval Academy shall continue in force until the thirtieth day of June, nineteen hundred and thirteen; and thereafter one midshipman, as now provided by law, shall be appointed for each Senator, Representative, and Delegate in Congress.

"That hereafter there shall be at the Naval Academy one midshipman from Porto Rico, who shall be a native of said island, and whose appointment shall be made by the President on the recommendation of the governor of Porto Rico.

"That after January first, nineteen hundred and four, all candidates for admission to the Naval Academy at the time of their examination must be between the ages of sixteen and twenty years."

An act of Congress approved April 9, 1906, reads as follows:

"AN ACT Granting authority to the Secretary of the Navy, in his discretion, to dismiss midshipmen from the United States Naval Academy and regulating the procedure and punishment in trials for hazing at the said academy."

"*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,* That it shall be the duty of the Superintendent of the United States Naval Academy, whenever he shall believe the continued presence of any midshipman at the said academy to be contrary to the best interests of the service, to report in writing such fact, with a full statement of the facts upon which are based his reasons for such belief, to the Secretary of the Navy, who, if after due consideration of the said report he shall deem the superintendent's said belief reasonable and well founded, shall cause a copy of the said report to be served upon the said midshipman and require the said midshipman to show cause, in writing and within such time as the said Secretary shall deem reasonable, why he should not be dismissed from the said academy; and after due consideration of any cause so shown the said Secretary may, in his discretion, but with the written approval of the President, dismiss such midshipman from the said academy. And the truth of any issue of fact so raised, except upon the record of demerit, shall be determined by a board of inquiry convened by the Secretary of the Navy under the rules and regulations for the government of the Navy.

"SEC. 2. That so much of the acts approved June twenty-third, eighteen hundred and seventy-four, and March third, nineteen hundred and three, as requires the Superintendent of the United States Naval Academy to convene a court-martial in all cases when it shall come to the knowledge of the said superintendent that any midshipman has been guilty of the offense commonly known as 'hazing,' and declares the finding of a court-martial so convened, when approved by the said superintendent, final, and directs that any midshipman found guilty by such court-martial shall be summarily dismissed from the said adademy, and also all other acts or parts of acts inconsistent with the present act are hereby repealed, and that the offense known as 'hazing' may hereafter be proceeded against, dealt with, and punished as offenses against good order and discipline and for violation and breaches of the rules of said academy. But no midshipman shall be dismissed for a single act of hazing except under the provisions of section three of this act.

"SEC. 3. That the Superintendent of the United States Naval Academy may, in his discretion and with the approval of the Secretary of the Navy, cause any midshipman in the said academy to be tried by court-martial for the offense of hazing, as provided by the act approved June twenty-third, eighteen hundred and seventy-four, and such court-martial, upon conviction, may sentence such midshipman to any punishment authorized by the said act or by the act approved March third, nineteen hundred and three, or authorized for any violation or breach of the rules of the said academy by the said rules, or in cases of brutal or cruel hazing may, in addition to dismissal, sentence such midshipman to imprisonment for a period not exceeding one year: *Provided,* That such midshipman shall not be confined in a military or naval prison or elsewhere with men who have been convicted of crimes or misdemeanors; and such finding and sentence shall be subject to review by the convening authority and by the Secretary of the Navy, as in the cases of other courts-martial.

"SEC. 4. That the offense of 'hazing,' as mentioned in this act, shall consist of any unauthorized assumption of authority by one midshipman over another midshipman whereby the last-mentioned midshipman shall or may suffer or be exposed to suffer any cruelty, indignity, humiliation, hardship, or oppression, or the deprivation or abridgement of any right, privilege, or advantage to which he shall be legally entitled.

"SEC. 5. That it shall be the duty of every professor, assistant professor, academic officer, or any cadet officer or cadet petty officer, or instructor, as well as every other

officer stationed at the United States Naval Academy, to promptly report to the superintendent thereof any fact which comes to his attention tending to indicate any violation by a midshipman or midshipmen of any of the provisions of this act or any violation of the regulations of the said academy. Any naval officer attached to the academy who shall fail to make such report as provided in this section shall be tried by court-martial for neglect of duty, and if convicted he shall be dismissed from the service. Any civilian instructor attached to the academy who shall fail to make such report as provided in this section shall be dismissed by the superintendent of the academy upon the approval of the Secretary of the Navy.

"SEC. 6. That this act shall take effect from the date of its approval, but no midshipman now connected with the United States Naval Academy shall, by reason of its enactment, be punished for any offense heretofore committed otherwise than in pursuance of the sentence of a court-martial (if, by existing law, such sentence would be now necessary for such punishment) or punished more severely than is now by law allowed for any offense heretofore committed: *Provided*, That any midshipman now in said Naval Academy may waive his right to trial by court-martial under existing law for any offense of hazing heretofore committed and may accept punishment under the provisions of section two of this act."

By an act of Congress approved June 29, 1906, it was provided that—

"Hereafter the Secretary of the Navy shall as soon as possible after the first day of June of each year preceding the graduation of midshipmen in the succeeding year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy that will exist at the Naval Academy because of such graduation, or that may occur for other reasons, and which he shall be entitled to fill by nomination of a candidate and one or more alternates therefor. The nomination of a candidate and alternate or alternates to fill said vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate, if such recommendation is made by the fourth day of March of the year following that in which said notice in writing is given, but if it is not made by that time the Secretary of the Navy shall fill the vacancy by appointment of an actual resident of the State, congressional district, or Territory, as the case may be, in which the vacancy will exist, who shall have been for at least two years immediately preceding the date of his appointment an actual and bona fide resident of the State, congressional district, or Territory in which the vacancy will exist and of legal qualification under the law as now provided. In cases where by reason of a vacancy in the membership of the Senate or House of Representatives or by the death or declination of a candidate for admission to the academy there occurs or is about to occur at the academy a vacancy from any State, district, or Territory that can not be filled by nomination as herein provided, the same may be filled as soon thereafter and before the final entrance examination for the year as the Secretary of the Navy may determine. The candidates allowed for the District of Columbia and all candidates appointed at large, together with alternates therefor, shall be selected by the President within the period herein prescribed for nomination of other candidates: *Provided*, That the President may select a candidate for the District of Columbia for the year nineteen hundred and eight.

"No person shall be admitted for instruction at the Naval Academy at Annapolis from any foreign country except upon authority of law hereafter enacted."

By an act of Congress approved March 7, 1912, it was provided—

"That the course at the Naval Academy shall be four years, and midshipmen on graduation shall be commissioned ensigns: *Provided*, That midshipmen now performing two years' service at sea in accordance with existing law shall be commissioned forthwith as ensigns from the date of the passage of this act: *And provided*, That those midshipmen of the class which was graduated in nineteen hundred and nine, who have completed two years' service afloat, and who are due for promotion, shall be commissioned ensigns to take rank with the other members of their class, accord-

ing to their standing as determined by their final multiples, respectively, for the six years' course, from the fifth day of June, nineteen hundred and eleven, the date of rank to which they were entitled prior to the passage of this act: *And provided further*, That no back pay or allowances shall result by reason of the passage of this act."

The class graduating from the Naval Academy, June, 1912, was the first class to be graduated as ensigns.

By an act of Congress approved July 9, 1913, it was provided—

"That after June thirtieth, nineteen hundred and thirteen, and until June thirtieth, nineteen hundred and nineteen, there shall be allowed at the Naval Academy two midshipmen for each Senator, Representative, and Delegate in Congress, one for Porto Rico, two for the District of Columbia, and ten appointed each year at large: *Provided*, That midshipmen on graduation shall be commissioned ensigns in the Navy, or may be assigned by the Secretary of the Navy to fill vacancies in the lowest commissioned grades of the Marine Corps or Staff Corps of the Navy."

SUPERINTENDENTS OF THE UNITED STATES NAVAL ACADEMY.

	Assumed command.
Commander Franklin Buchanan	Sept. 3, 1845
Commander George P. Upshur	Mar. 15, 1847
Commander Cornelius K. Stribling	July 1, 1850
Commander Louis M. Goldsborough	Nov. 1, 1853
Capt. George S. Blake	Sept. 15, 1857
Rear Admiral David D. Porter	Sept. 9, 1865
Commodore John L. Worden	Dec. 1, 1869
Rear Admiral C. R. P. Rodgers	Sept. 22, 1874
Commodore Foxhall A. Parker	July 1, 1878
Rear Admiral George B. Balch	Aug. 2, 1879
Rear Admiral C. R. P. Rodgers	June 13, 1881
Capt. F. M. Ramsay	Nov. 14, 1881
Commander W. T. Sampson	Sept. 9, 1886
Capt. R. L. Phythian	June 13, 1890
Capt. P. H. Cooper	Nov. 15, 1894
Rear Admiral F. V. McNair	July 15, 1898
Commander Richard Wainwright	Mar. 15, 1900
Capt. Willard H. Brownson	Nov. 6, 1902
Rear Admiral James H. Sands	July 1, 1905
Capt. Charles J. Badger	July 15, 1907
Capt. John M. Bowyer	June 10, 1909
Capt. John H. Gibbons	May 15, 1911

BOARD OF VISITORS.

ANNUAL EXAMINATION, 1913.

SENATORS.

Hon. John Walter Smith, United States Senator from Maryland.
Hon. Carroll S. Page, United States Senator from Vermont.

REPRESENTATIVES.

Hon. E. W. Roberts, Representative from Massachusetts.
Hon. J. F. C. Talbott, Representative from Maryland.
Hon. S. A. Witherspoon, Representative from Mississippi.

APPOINTED BY THE PRESIDENT.

Mr. H. L. Satterlee, New York, N. Y.
Mr. F. W. Davis, Hartford, Conn.
Mr. G. G. Hill, Washington, D. C.
Mr. Nelson Lampert, Chicago, Ill.
Mr. S. A. Perkins, Tacoma, Wash.
Mr. D. S. Barry, Washington, D. C.
Mr. Max Pam, Chicago, Ill.

PRESIDENT—Hon. John Walter Smith, United States Senator from Maryland.
SECRETARY—Professor of Mathematics P. J. Dashiell, United States Navy.

ACADEMIC CALENDAR, 1913–1914.

1913.

Oct. 1.—Beginning of first term.....Wednesday.

1914.

Jan. 26–31.—Semiannual examinations.....Monday–Saturday.
Jan. 31.—End of first term.....Saturday.
Feb. 2.—Beginning of second term.....Monday.
Feb. 17.—Examination of candidates.....Tuesday.
Apr. 14.—Examination of candidates.....Tuesday.
May 25–30.—Annual examinations.....Monday–Saturday.
May 31.—End of academic year, 1913–14.....Sunday.
June 1–6.—Graduation week.....Monday–Saturday.
June 8.—Beginning of summer term.....Monday.
Sept. 30.—End of summer term.....Wednesday.
Oct. 1.—Beginning of academic year, 1914–15.....Thursday.

The academic months end on the following days:

October	Nov. 1	February	Feb. 28
November	Nov. 29	March	Mar. 28
December	Dec. 27	April	Apr. 25
January	Jan. 24	May	May 23

Calendar for 1913 and 1914

BOLD FIGURES DENOTE END OF ACADEMIC MONTH

SEPTEMBER

Su.	M.	T.	W.	T.	F.	S.
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

OCTOBER

			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	25
26	27	28	29	30	31	

NOVEMBER

						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	**29**
30						

DECEMBER

	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	**27**
28	29	30	31			

JANUARY

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	**24**
25	26	27	28	29	30	31

FEBRUARY

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	**28**

MARCH

1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	**28**
29	30	31				

APRIL

Su.	M.	T.	W.	T.	F.	S.
			1	2	3	4
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22	23	24	**25**
26	27	28	29	30		

MAY

					1	2
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17	18	19	20	21	22	**23**
24	25	26	27	28	29	30
31						

JUNE

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7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30				

JULY

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19	20	21	22	23	24	25
26	27	28	29	30	31	

AUGUST

						1
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9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30	31					

SEPTEMBER

		1	2	3	4	5
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

OCTOBER

				1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31

OFFICERS, NAVAL AND CIVIL, ATTACHED TO THE UNITED STATES NAVAL ACADEMY, 1913–14.

ACADEMIC STAFF.

Superintendent.

CAPT. JOHN H. GIBBONS.

Aid to Superintendent and Secretary Academic Board.

LIEUT. COMMANDER ADOLPHUS ANDREWS.

Secretary Naval Academy.

P. H. MAGRUDER.

Commandant of Midshipmen and Head of Department of Discipline.

CAPT. G. W. LOGAN.

Senior Assistant to Commandant of Midshipmen.

COMMANDER R. C. BULMER.

Discipline Officers.

LIEUT. COMMANDER CHAUNCEY SHACKFORD.
LIEUT. COMMANDER ROGER WILLIAMS.
LIEUT. D. W. BAGLEY.
LIEUT. W. A. GLASSFORD.
LIEUT. R. L. WALKER.

Assistant Discipline Officers.

LIEUT. (JUNIOR GRADE) G. E. BAKER.
LIEUT. (JUNIOR GRADE) C. W. CROSSE.
LIEUT. (JUNIOR GRADE) T. A. SYMINGTON.
LIEUT. (JUNIOR GRADE) R. R. STEWART.

Branch Physical Training.

LIEUT. COMMANDER A. P. FAIRFIELD, *in charge.*
LIEUT. R. L. GHORMLEY.
PASSED ASST. SURGEON R. W. MCDOWELL.
FIRST LIEUT. OF MARINES A. J. CORBESIER.
INSTRUCTOR IN PHYSICAL TTAINING, L. H. MANG.
INSTRUCTOR IN PHYSICAL TRAINING, J. SCHUTZ.
INSTRUCTOR IN GYMNASTICS, OTTO BOHMKE.
ASSISTANT INSTRUCTOR IN PHYSICAL TRAINING, P. L. ATKINSON.
SWORDMASTER, GEORGE HEINTZ, JR.
ASST. SWORDMASTER, J. W. WALLEN.

SEAMANSHIP.

COMMANDER G. H. BURRAGE, *Head of Department.*

Instructors.

Lieut. K. G. Castleman.
Lieut. R. R. Mann.[1]
Lieut. R. W. Cabaniss.[1]
Lieut. (Junior Grade) H. M. Bemis.[1]
Lieut. (Junior Grade) H. C. Gearing.[1]

Chief Boatswain Frederick Meyer.

ORDNANCE AND GUNNERY.

COMMANDER L. H. CHANDLER, *Head of Department.*

Instructors.

Lieut. Commander T. L. Johnson.
Lieut. Commander H. W. Osterhaus.[2]
Lieut. W. S. McClintic.[2]
Lieut. (Junior Grade) C. T. Osburn.[2]
Lieut. (Junior Grade) W. T. Smith.[2]
Chief Gunner R. E. Cox.
Gunner William Cronan.

NAVIGATION.

COMMANDER J. F. HINES, *Head of Department.*

Instructors.

Lieut. Commander A. St. C. Smith.
Lieut. Commander B. B. Wygant.[3]
Lieut. O. W. Fowler.[3]
Lieut. I. C. Bogart.[3]
Lieut. C. S. Graves.[3]
Lieut. H. L. Pence.[3]
Lieut. J. T. G. Stapler.[3]
Lieut. W. E. Clarke.[3]

MARINE ENGINEERING AND NAVAL CONSTRUCTION.

COMMANDER H. B. PRICE, *Head of Department.*

Instructors.

Lieut. Frank McCommon.
Lieut. E. S. Root.
Lieut. W. L. Friedell.
Lieut. D. L. Howard.
Lieut. W. E. Hall.
Lieut. H. G. Fuller.
Lieut. H. M. Cooley.
Lieut. E. A. Wolleson.
Lieut. W. B. Howe.
Lieut. C. B. Mayo.
Lieut (Junior Grade) W. P. Beehler.
Lieut. (Junior Grade) C. C. Slayton.
Lieut. (Junior Grade) G. W. Kenyon.
Lieut. (Junior Grade) J. M. Schelling.
Lieut. (Junior Grade) A. A. Corwin.
Lieut. (Junior Grade) J. S. Barleon.
Lieut. (Junior Grade) James Parker, Jr.
Professor of Mathematics T. W. Johnson.[4]
Professor C. L. Leiper.[3]
Chief Machinist T. D. Healy.
Machinist H. J. Reuse.

MATHEMATICS AND MECHANICS.

PROFESSOR OF MATHEMATICS H. E. SMITH, *Head of Department.*

Instructors.

Lieut. (Junior Grade) G. H. Bowdey.
Lieut. (Junior Grade) A. W. Brown.
Lieut. (Junior Grade) D. A. Scott.
Lieut. (Junior Grade) H. K. Hewitt.
Lieut. (Junior Grade) G. W. Simpson.
Professor of Mathematics D. M. Garrison.
Professor of Mathematics W. S. Harshman.
Professor of Mathematics H. L. Rice.
Professor Angelo Hall.
Instructor Paul Capron.
Instructor W. J. King.
Instructor C. W. Frederick.
Instructor R. E. Root.

[1] Additional duty in department of ordnance and gunnery.
[2] Additional duty in Department of Seamanship.
[3] Additional duty in Department of Mathematics and Mechanics.
[4] Additional duty in postgraduate department.

ELECTRICAL ENGINEERING AND PHYSICS.

COMMANDER J. T. TOMPKINS, *Head of Department.*

Instructors.

Lieut. Commander A. Bronson.[1]
Lieut. Commander W. C. Asserson.
Lieut. Commander B. C. Allen.
Lieut. G. F. Neal.
Lieut. A. W. Sears.
Lieut. W. A. Hall.
Lieut. G. K. Davis.
Lieut. (Junior Grade) R. A. Theobald.
Lieut. (Junior Grade) H. S. Babbitt.
Lieut. (Junior Grade) G. N. Barker.
Lieut. (Junior Grade) F. M. Knox.
Professor of Mathematics P. J. Dashiell.
Professor W. H. Kadesch.
Gunner R. O. Williams.

ENGLISH.

COMMANDER C. F. PRESTON, *Head of Department.*

Instructors.

Lieut. W. F. Jacobs.[2]
Lieut. (Junior Grade) C. C. Gill.
Lieut. (Junior Grade) W. O. Wallace.[2]
Lieut. (Junior Grade) F. R. King.[2]
Lieut. (Junior Grade) E. W. Tod.
Professor W. O. Stevens.
Instructor C. S. Alden.
Instructor H. J. Fenton.
Instructor H. C. Washburn.
Instructor W. B. Norris.
Instructor H. F. Krafft.
Instructor C. H. Foster.
Instructor A. F. Westcott.
Instructor T. H. Wade.

MODERN LANGUAGES.

COMMANDER A. B. HOFF (Retired), *Acting Head of Department.*

Instructors.

Lieut. (Junior Grade) A. T. Beauregard.[2]
Professor of Mathematics C. V. Cusachs.
Professor P. J. des Garennes.
Professor P. E. Voinot.
Professor Gaston Costet.
Professor F. W. Morrison.
Instructor Arturo Fernandez.
Instructor W. E. Olivet.
Instructor R. H. Bonilla.
Instructor M. A. Colton.
Instructor L. L. R. Fournon.
Instructor Jose Martel.

NAVAL HYGIENE AND PHYSIOLOGY.

MEDICAL INSPECTOR A. M. D. McCORMICK, *Head of Department.*

Passed Asst. Surg. R. W. McDowell.

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[1] Additional duty in postgraduate department.
[2] Additional duty in department of ordnance and gunnery.

OFFICERS NOT ATTACHED TO ACADEMIC STAFF.

Commander J. R. P. Pringle, *Assistant to Superintendent in Charge of Buildings and Grounds.*
Lieut. Commander R. L. Berry, *Assistant to Officer in Charge of Buildings and Grounds.*
Medical Inspector A. M. D. McCormick,[1] *Senior Medical Officer.*
Surg. E. G. Parker.
Passed Asst. Surg. D. G. Sutton.
Passed Asst. Surg. J. A. Bass.
Dental Surg. Richard Grady.
Pay Inspector M. M. Ramsay, *Pay Officer and General Storekeeper.*
Paymaster Samuel Bryan, *Midshipmen's Pay Officer, Storekeeper and Commissary.*
Passed Asst. Paymaster Brantz Mayer, *Pay Officer Ships, Naval Academy, and Assistant to General Storekeeper.*
Chaplain W. G. Cassard.
Professor of Mathematics N. M. Terry.
Prof. A. N. Brown, *detailed to duty as Librarian.*
J. M. Spencer, *Assistant Librarian.*
R. J. Duval, *Cataloguer.*
Chief Boatswain John Mahoney, *Special Duty Yard Craft.*
Chief Boatswain T. W. Healey, *Special Duty Pay Office and Yard Craft.*
Chief Carpenter T. J. Logan, *Special Duty Yard Craft.*
Chief Pharmacist J. F. Pearson, *Dispensary.*
Paymaster's Clerk W. T. Williams, *Clerk to Commissary.*
Paymaster's Clerk E. K. Brooks, *Clerk to General Storekeeper.*
Paymaster's Clerk Harry Price, *Clerk to Midshipmen's Storekeeper.*

U. S. S. "REINA MERCEDES."

Commander W. W. Phelps, *Commanding.*
Chief Machinist W. W. Booth.
Boatswain Bertram David.
Paymaster's Clerk G. W. Armstrong.
Mate Harry Dahis.

RESERVE TORPEDO DIVISION.

LIEUT. (JUNIOR GRADE) W. D. BRERETON, *Division Commander.*

Ensign Frank Loftin.

U. S. S. *Stringham.*
U. S. S. *Bailey.*
U. S. S. *Bagley.*
U. S. S. *Barney.*
U. S. S. *Biddle.*

[1]Also duty as head department naval hygiene and physiology.

POSTGRADUATE DEPARTMENT.

LIEUT. COMMANDER J. P. MORTON, *Head of Department.*

PROFESSOR OF MATHEMATICS G. K. CALHOUN.[1]
PROFESSOR OF MATHEMATICS W. W. JOHNSON.

Under Instruction.

LIEUT. (JUNIOR GRADE) R. K. TURNER.
LIEUT. (JUNIOR GRADE) A. M. CHARLTON.
LIEUT. (JUNIOR GRADE) H. F. D. DAVIS.
LIEUT. (JUNIOR GRADE) OSCAR SMITH, JR.
LIEUT. (JUNIOR GRADE) H. T. MARKLAND.
LIEUT. (JUNIOR GRADE) J. J. BROSHEK.
LIEUT. (JUNIOR GRADE) E. E. WILSON.
LIEUT. (JUNIOR GRADE) A. T. BIDWELL.
LIEUT. (JUNIOR GRADE) E. H. LOFTIN.
LIEUT. (JUNIOR GRADE) C. C. ROSS.
LIEUT. (JUNIOR GRADE) MARSHALL COLLINS.
LIEUT. (JUNIOR GRADE) T. C. KINKAID.
LIEUT. (JUNIOR GRADE) W. R. CARTER.
ENSIGN L. R. FORD.

ENGINEERING EXPERIMENT STATION.

CAPT. T. W. KINKAID, *Head of Station.*

LIEUT. COMMANDER E. J. KING.
LIEUT. G. S. BRYAN.

AVIATION.

LIEUT. J. H. TOWERS.
LIEUT. (JUNIOR GRADE) J. M. MURRAY.
LIEUT. (JUNIOR GRADE) P. N. L. BELLINGER.
LIEUT. (JUNIOR GRADE) V. D. HERBSTER.
ENSIGN G. DEC. CHEVALIER.
FIRST LIEUTENANT OF MARINES B. L. SMITH.
SECOND LIEUTENANT OF MARINES G. K. SHULER.

NAVAL HOSPITAL.

MEDICAL INSPECTOR J. G. FIELD, *In Command.*

SURG. J. H. IDEN.
PASSED ASST. SURG. H. H. LANE.
PASSED ASST. SURG. J. G. ZIEGLER.
CHIEF PHARMACIST J. W. WOOD.

MARINE BARRACKS.

COL. FRANKLIN J. MOSES, *Commanding.*

CAPT. HARRY LEE.
CAPT. E. T. FRYER.
FIRST LIEUT. ARTHUR STOKES.
FIRST LIEUT. W. D. SMITH.
FIRST LIEUT. S. S. LEE.
SECOND LIEUT. W. G. EMORY.

[1] Additional duty in department of electrical engineering.

ACADEMIC BOARD.

The Superintendent.
The Commandant of Midshipmen.
The Head of the Department of Seamanship.
The Head of the Department of Ordnance and Gunnery.
The Head of the Department of Navigation.
The Head of the Department of Marine Engineering and Naval Construction.
The Head of the Department of Mathematics and Mechanics.
The Head of the Department of Electrical Engineering and Physics.
The Head of the Department of English.
The Head of the Department of Modern Languages.
The Head of the Department of Naval Hygiene and Physiology.

BRIGADE OFFICERS OF THE UNITED STATES NAVAL ACADEMY, 1913–14.

CADET COMMANDER,

DAVIS, N.

CADET LIEUTENANT AND BRIGADE ADJUTANT,

ROYCE, D.

CADET BRIGADE STAFF PETTY OFFICER,

CREIGHTON, J. M.

FIRST BATTALION.

CADET LIEUTENANT COMMANDER,

COCHRANE, E. L.

CADET JUNIOR LIEUTENANT AND ADJUTANT,

BRYANT, C. F.

CADET STAFF PETTY OFFICER,

HAYLER, R. W.

FIRST DIVISION.

First company.

BAYLEY, W. W., CADET LIEUTENANT.
WINSLOW, J. S., CADET JUNIOR LIEUTENANT.
WICKS, Z. W., CADET ENSIGN.

PETTY OFFICERS, FIRST CLASS.

EARLE, F. M.
SHORT, E. T.
MCCOWN, J. A.
INGRAM, H. L.

PETTY OFFICERS, SECOND CLASS.

WILLS, A. E.
RAY, H. J.
HANS, R. F.
THOMAS, F. P.

Second company.

JONES, C. H., CADET LIEUTENANT.
VINSON, T. N., CADET JUNIOR LIEUTENANT.
PELTON, F. E., CADET ENSIGN.

PETTY OFFICERS, FIRST CLASS.

WILSON, G. B.
QUARLES, S. H.
MOORE, S. G.
WALLER, J. B. W.

PETTY OFFICERS, SECOND CLASS.

NEILEY, G. F.
ASHBROOK, A. W.
WILTSE, L. J.
WYMAN, R. S.

SECOND DIVISION.

Third company.

CAREY, C. B. C., CADET LIEUTENANT.
BUCHANAN, J. H., CADET JUNIOR LIEUTENANT.
MALLOY, W. E., CADET ENSIGN.

PETTY OFFICERS, FIRST CLASS.

PORTER, W. H., Jr.
CORN, W. A.
MARVELL, G.
NASH, T. L.

PETTY OFFICERS, SECOND CLASS.

OFFLEY, A. N.
HEARD, W. A.
BOWER, T. T.
ARVIN, G. S.

Fourth company.

MARRON, A. R., CADET LIEUTENANT.
MCGUIGAN, J. L., CADET JUNIOR LIEUTENANT.
BLACK, J. D., CADET ENSIGN.

PETTY OFFICERS, FIRST CLASS.

HARRILL, W. K.
WILSON, S. L.
ROSENDAHL, C. E.
HART, W. J., Jr.

PETTY OFFICERS, SECOND CLASS.

MOYER, J. G.
DORTCH, W. B.
STENGEL, S. C.
MAURY, R. H.

Second Battalion.

CADET-LIEUTENANT COMMANDER.

Manning, G. C.

CADET JUNIOR LIEUTENANT AND ADJUTANT.

Spanagel, H. A.

CADET STAFF PETTY OFFICER.

Perry, R. E.

Third Division.

Fifth company.

Ferrell, R. W., Cadet Lieutenant.
Ruddock, T. D., Jr., Cadet Junior Lieutenant.
Addoms, A. H., Cadet Ensign.

PETTY OFFICERS, FIRST CLASS.

Tawresey, A. P. H.
Mittendorf, H. C.
Rooks, A. H.
Sterling, T. W.

PETTY OFFICERS, SECOND CLASS.

Clark, B. F.
Vaughan, R. L.
Hatch, R. S.
Callahan, M. W.

Sixth company.

Fry, C. D., Cadet Lieutenant.
Christian, K. C., Cadet Junior Lieutenant.
Lowe, F. L., Cadet Ensign.

PETTY OFFICERS, FIRST CLASS.

Balsley, A. H.
Conolly, R. L.
Dugger, G. W., Jr.
Jalbert, H. H.

PETTY OFFICERS, SECOND CLASS.

Lahodny, W. J.
Deming, R. A.
Dyer, R. A., 3d.
Washburn, D. F.

Fourth Division.

Seventh company.

Nelson, G. W., Cadet Lieutenant.
Samson, H. P., Cadet Junior Lieutenant.
Berry, A. G., Jr., Cadet Ensign.

PETTY OFFICERS, FIRST CLASS.

Westfall, T. D.
Hale, J. I.
Ralston, B. B.
Riche, S.
Vaiden, J. L.

PETTY OFFICERS, SECOND CLASS.

Howe, G. T.
Page, H. B.
O'Brien, F. K.
Griffin, M.
Davis, R. O.

Eighth company.

Laycock, J. N., Cadet Lieutenant.
Larson, W. J., Cadet Junior Lieutenant.
Ellsberg, E., Cadet Ensign.

PETTY OFFICERS, FIRST CLASS.

Percival, F. G.
Swain, C. D.
Martin, C. F.
Teasley, W. A.

PETTY OFFICERS, SECOND CLASS.

Early, A. R., Jr.
Dombrowski, B. L.
Downey, T. F.
Shears, K. R.

PRACTICE CRUISE, 1913.

There was no regular Naval Academy practice squadron for the summer practice cruise, 1913.

The midshipmen of the first and second classes were distributed among the ships of the United States Atlantic Fleet, directly under the supervision of an officer attached to the Naval Academy, as follows:

All midshipmen embarked on Saturday, June 7, 1913, and disembarked August 25, 1913.

U. S. S. "WYOMING."

Lieut. E. S. ROOT, United States Navy, officer in charge.

First class.	Second class.	First class.	Second class.
Washburn, D. F.	Withers, N.	Winslow, J. S.	Vickrey, C. C.
Weaver, P. R.	Wood, G. H.	Worrell, M. L.	Wagner, F. D.
Westfall, T. D.	Wood, L.	Yeatman, P. W.	Walker, M. J.
Wicks, Z. W.	Wotherspoon, A. S.		Watson, D. C.
Wills, A. E.	Wright, R. R.		Wedderburn, C. F.
Wilson, S. L.	Wurtele, A. R.		Wiley, H. V.
Wiltse, L. J.	Wynne, W. M. A.		Winslow, W.

U. S. S. "ARKANSAS."

Lieut. W. A. GLASSFORD, United States Navy, officer in charge.

First class.	Second class.	First class.	Second class.
Stengel, S. C.	Smith, F. B.	Vaughan, R. L.	Struble, A. D.
Swain, C. D.	Snelling, W. M.	Vinson, T. N.	Thomas, A. C.
Tawresey, A. P. H.	Sperry, M. L., jr.	Walker, A. W.	Thomas, W. D.
Teasley, W. A.	Sprague, J. H.		Tisdale, R. D.
Thomas, F. P.	Spriggs, M. H.		Tovey, H. O.
Truesdell, S. D.	Stedman, L. L.		Umsted, S.
Vaiden, J. L.	Stephan, A. R.		Vickery, H. L.

U. S. S. "DELAWARE."

Lieut. I. C. BOGART, United States Navy, officer in charge.

First class.	Second class.	First class.	Second class.
Percival, F. G	Peck, De Witt.	Redman, J. R.	Powers, M. W.
Perry, R. E.	Pennoyer, F.W., jr.	Roehl, W. F.	Preas, R. A.
Popham, W. S.	Perry, B. F.	Rooks, A. H.	Preston, K.
Porter, W. H., jr.	Peyton, T. G.		Quynn, A. G.
Powers, F. D.	Pigman, N. M.		Ray, J. S.
Quarles, S. H.	Pike, W. H. A., jr.		Rhea, P. M.
Ray, H. J.	Portz, W. P.		Richards, F. G.

U. S. S. "FLORIDA."

Lieut. C. S. GRAVES, United States Navy, officer in charge.

First class.	Second class.	First class.	Second class.
Rosendahl, C. E.	Richardson, C. G.	Spanagel, H. A.	Scott, L. B.
Royce, D.	Ring, M. L.	Stecher, L. J.	Shelley, T.
Ruddock, T. D.	Ritchie, O. H.	Steece, D. M.	Shoemaker J. M.
Samson, H. P.	Rockwell, J. H.		Shofner, W. J.
Shears, K. R.	Rockwell, S. G.		Shumaker, S. R.
Short, E. T.	Royal, F. B.		Small, J. D.
Slingluff, T. C.	Schlossbach, I.		Smith, A. E.

U. S. S. "GEORGIA."

Lieut. (Junior Grade) E. A. WOLLESON, United States Navy, officer in charge.

First class.	Second class.	First class.	Second class.
Conolly, R. L.	Davis, A. C.	Dortch, W. B.	Dollarhide, E. S.
Corn, W. A.	Davis, J. T.	Downey, T. F.	Dupre, D. D.
Cunneen, F. J.	Deets, S. R.	Doyle, T. J.	Easton, G. H.
Deming, R. A.	Delpino, J. C.	Dugger, G. W., jr.	Eldredge, H. G.
Dickinson, H. T.	del Valle, P. A.		Farnsworth, J. S.
Dombrowski, B. L.	de Roode, L. R.		Farrar, R. M.
	Dobyns, G. B.[1]		

[1] Joined cruise July 5, 1913.

U. S. S. "KANSAS."

Lieut. (Junior Grade) A. W. BROWN, United States Navy, officer in charge.

First class.	Second class.	First class.	Second class.
Addoms, A. H.	Adams, R. R.	Baker, W. D.	Bates, J. F., jr.
Alford, L. O.	Alexander, W. D.	Bayley, W. W.	Bates, R. W.
Angel, C. F.	Armstrong, D. W.	Berry, A. G., jr.	Blair, R. H.
Arnold, J. C.	Armstrong, L. V.		Bodfish, H.
Arvin, G. S.	Arnold, M. B.		Bowman, W. H.
Ashbrook, A. W.	Baker, R. N. S.		Breed, E.
Austin, W. D.	Barnett, A.		Ramsey, H. C.[1]

[1] Resigned July 17, 1913.

U. S. S. "LOUISIANA."

Lieut. R. R. MANN, United States Navy, officer in charge.

First class.	Second class.	First class.	Second class.
McClure, C. I.	Kriner, G. C.	Marron, A. R.	Lewis, C. E.
McCown, J. A.	Kyle, J. R., jr.	Martin, C. F.	Lewis, J. M.
McDonald, L. H.	Laferty, P. G.	Marvell, G.	Lewis, L. S.[2]
McGuigan, J. L.[1]	Lamont, G. P.		Libenow, F. K.
McReavy, C. J.	Landis, A.		Lonergan, S. J.
Malloy, W. E.	Lein, C. L.		Lorenz, W. J.
Manning, G. C.	Leonard, N. J.		Low, F. S.

[1] Transferred to naval hospital, Newport, R. I., June 27 to July 3, 1913; to Solace, August 2–3, 1913.
[2] Transferred to naval hospital, Newport, R. I., June 27, 1913; transferred to naval hospital, Washington, D. C., July 10, 1913.

U. S. S. "NEW HAMPSHIRE."

Lieut. (Junior Grade) H. M. COOLEY, United States Navy, officer in charge.

First class.	Second class.	First class.	Second class.
Gladden, C. T. S.	Granat, W.	Heard, W. A.	Henning, E. R.
Griffin, M.	Grove, G. W.	Howe, G. T.	Hicks, W. A.
Hale, J. I.[1]	Hactor, W. S.	Hoyt, H. W.	Hill, G. C.
Hans, R. F.	Harrison, H. H.		Hoops, L. B.
Harrill, W. K.	Hatch, A. G.		Horn, R. de S.
Hart, W. J., jr.	Hazlett, E. E., jr.		Hough, E. B.
Hatch, R. S.			

[1] Joined cruise August 14, 1913, to remain until September 14, 1913.

U. S. S. "NEW JERSEY."

Lieut. (Junior Grade) W. B. HOWE, United States Navy, officer in charge.

First class.	Second class.	First class.	Second class.
Burrough, E. W.	Chippendale, B.W.	Christian, K. C.[2]	Collins, D. M.
Callahan, M. W.	Christie, R. W.	Clarke, V. A.	Confer, W. J.
Carey, C. B. C.	Clark, C. G.	Gilchrist, K. P.[3]	Cooper, M. C.
Cary, R. W., jr.[1]	Clark, H. S., jr.	Valentine, R. I.	Culbert, F. P.
Clark, B. F.	Clark, R. W.	Cohen, M. Y.	Dalton, D. M.
Geisenhoff, N. H.	Clark, S. B.		Darrow, R. T.
	Clarke, H. D.		

[1] Went on sick leave July 13, 1913.
[2] Joined U. S. S. New Jersey July 10, 1913.
[3] Joined U. S. S. New Jersey, June 25, 1913.

U. S. S. "NORTH DAKOTA."

Lieut. W. L. FRIEDELL, United States Navy, officer in charge.

First class.	Second class.	First class.	Second class.
Nelson, G. W.	Minnis, J. A.	Pelton, F. E.	O'Neill, O. E.
Nelson, H. J.	Mitchell, R. J.	Pennoyer, R. G.	Osborn, C. F.
Nicholls, W. M.	Moore, L. R.		Overesch, H. E.
O'Brien, F. K.	Morgan, P. C.		Paddock, H. E.
Offley, A. N.	Nelson, R. M., jr.[2]		Parkinson, R. M.
Page, B. H.	Nelson, W.		Partello, M. C.
Palmer, E. C.	Nimitz, Otto.		Steele, J. M.[1]
Peck, E. D.	Nunnally, W. J., jr.		

[1] Third class; joined U. S. S. North Dakota, June 28, 1913.
[2] Transferred to Naval Hospital, Newport, R. I., Aug 1–17.

U. S. S. "SOUTH CAROLINA."

Lieut. (Junior Grade) R. W. CABANISS, United States Navy, officer in charge.

First class.	Second class.	First class.	Second class.
Maury, R. H.	Lusk, J. C.	Moyer, J. G.	Mahoney, J. J.
Maury, S. F.	McCaffrey, F. A.	Nash, T. L.	Mail, F. M., jr.
Mecum, C. H.	McCoach, E. S.	Neiley, G. F.	Manly, J. McC.
Mittendorf, H. C.	McCormick, L. D.		Marshall, P.
Moloney, J. F.	McCrea, J. L.		Matteson, S. H.
Moore, S. G.	Maher, J. E.		Meyers, H. M.
Moss, J. M.	Maher, S. A.		Miller, M. C.

U. S. S. "VERMONT."

Lieut. W. E. HALL, United States Navy, officer in charge.

First class.	Second class.	First class.	Second class.
Ingram, H. L.	Howard, A. F.	Latimore, T. C., jr.	Kell, C. O.
Jalbert, H. H.	Hunter, H. O'D.	Leonard, H. R.	Kiely, R.
Jones, C. H.	Huntoon, F. C.[1]	Lowe, F. L.	King, A. E., jr.
Kessing, O. O.	Hutchinson, M.W., jr.	Luker, R. P.	Kinne, M. T.
Killmaster, B. S.	Isaacs, E. V. M.		Kirby, L., jr.
Lahodny, W. J.	Jenkins, S. P.		Kneip, J. B.
Larson, W. J.	Jondreau, R. J.		

[1] Transferred to Naval Medical School Hospital, Washington, D. C., for treatment, June 24 to July 26, 1913.

U. S. S. "RHODE ISLAND."

Lieut. H. G. FULLER, United States Navy, officer in charge.

First class.	Second class.	First class.	Second class.
Black, J. D.	Brown, J. P.	Bumpus, F. C.	Campman, J. H.
Blades, L. J. K.	Brown, T. G.	Bungert, W. D.	Chadwick, J. H.
Boak, J. E.	Burhen, R.	Burgy, W. C.	Chambers, I. R.
Bower, T. T.	Burnett, H. P.		Chandler, T. E.[1]
Brown, J. H., jr.	Burstan, R. M.		Chenoweth, H. H.
Bryant, C. F.	Burwell, R. O. B.		Childs, E. W. F.
Buchanan, J. H.	Calvert, N. G.		

[1] Transferred to Naval Hospital, Washington, D. C., August 16, 1913.

U. S. S. "VIRGINIA."

Lieut. (Junior Grade) W. E. CLARK, United States Navy, officer in charge.

First class.	Second class.	First class.	Second class.
Dyer, R. A., 3d.	Field, J. M., jr.	Fletcher, P. W.	Gamble, M. G., jr.
Earle, F. M.	Fisher, H. A.	Fox, W. V.	Glann, A. E.
Early, A. R.	Flynn, C. W.	Fry, C. D.	Glennon, P. T.
Ellsberg, E.	Fortson, R. M.	Gearing, W.	Glover, R. O.
Ferrell, R. W.	French, F. G.		Godfrey, V. H.[1]
Fitzsimons, P., jr.	Friend, T. H. H.		Graf, H. W.
			Graham, I. M.

[1] Joined cruise August 1, 1913.

The midshipmen of the third class were detailed to the U. S. S. *Illinois*, which made a foreign cruise. The following officers were attached to this ship:

Commander Lloyd H. Chandler, commanding.
* Lieut. Commander Arthur St. C. Smith.
* Lieut. Commander Allen Buchanan.
* Lieut. Orie W. Fowler.
* Lieut. George F. Neal.
Lieut. John H. Blackburn.
* Lieut. David W. Bagley.
* Lieut. Arthur W. Sears.
* Lieut. John W. Wilcox, jr.
* Lieut. Harry L. Pence.
* Lieut. (Junior Grade) Garrett K. Davis.
* Lieut. (Junior Grade) Claude B. Mayo.
* Lieut. (Junior Grade) Augustine T. Beauregard.
* Lieut. (Junior Grade) Charles C. Slayton.
* Lieut. (Junior Grade) Arie A. Corwin.
Lieut. (Junior Grade) William T. Smith.
* Lieut. (Junior Grade) George W. Simpson.
Surg. John L. Neilson.
Passed Asst. Surg. Montgomery E. Higgins.
Passed Asst. Paymaster Thom Williamson, jr.
Chaplain Thomas B. Thompson.
Boatswain Nathan E. Cook.
Gunner Thomas J. Bristol.
Chief Machinist John E. Cleary.
Chief Carpenter Alfred R. Hughes.
Paymaster's Clerk Wilson S. Hullfish.

First class.	First class.	First class.	First class.
Balsley, A. H.	Davis, Noel.	Macgowan, C. A.	Sterling, T. W.
Beard, W. K.	Davis, R. O.	Ralston, B. B.	Waller, J. B. W.
Cochrane, E. L.	Hayler, R. W.	Riche, S.	Wilson, G. B.
Creighton, J. M.	Laycock, J. N.	Starkey, R. C.	Wyman, R. S.

Third class.	Third class.	Third class.	Third class.
Alexander, B. R.	Berkey, R. S.	Briggs, G. W.	Casey, W. R.
Alger, M. M.	Berwind, C. G.	Broadfoot, H. B.	Cauldwell, O. R.
Awtrey, R. A.	Betts, J. E.	Brown, L. F.	Cecil, C. P.
Bacon, W. P.	Blackburn, C. K.	Bunnell, G. F.	Chapline, G. F.
Bagby, L. W.	Bloom, J. M.	Burhans, A. D.	Claghorn, R. R.
Baker, C. A.	Bogan, G. F.	Carlson, M. O.	Cochrane, E. F.
Ballou, L. B.	Borden, W. E., jr.	Carney, R. B.	Cole, M.
Bateman, A. H.	Bourne, R. C.	Carpenter, D. M.	Compton, J. P.
Baugh, H. V.	Boyer, W. F.	Carr, T. De W.	Cooper, L.
Beatty, F. E., jr.	Braine, C. E., jr.	Carrington, W. S.	Cooper, T. V.
Benson, F. W.	Brewster, G. P., jr.	Carson, J. H.	Cowles, W. B.

* Detailed from the Naval Academy.

Third class.	Third class.	Third class.	Third class.
Cowley, P. R.	Hardison, O. B.	McGinnis, K.	Schott, W. W.
Craig, C.	Havill, C. H.	MacKay, W. E.	Schrader, A. E.
Craven, F. B.	Hawthorne, W. G.	Major, E. M.	Scott, J. A.
Dague, B. S.	Heath, W. S.	Marston, F. R.	Selman, A. J.
Dailey, J. E.	Herndon, L.	Martin, G. F.	Simms, J. W.
Davidson, G. D.	Hilton, C. H.	Massman, H. B., jr.	Sitz, W. H.
Davis, J. K.	Hinton, J.	Mayer, A. D.	Smith, E. M.
Davison, R. E.	Hitchcock, R. S.	Mayfield, S. G., jr.	Solberg, T. A.
Dudley, S. E.	Holcombe, B. R.	Meadows, P. L.	Sternberg, J. A.
Duke, W. E.	Holmes, M. G.	Merwin, H. C.	Stoffel, E. J.
Durant, A.	Hoover, G. C.	Miles, A. C.	Stonestreet, M. B.
Durgin, C. T.	Horne, H. M.	Miller, W. E.	Sumners, G. W.
Earle, N. P.	Hussey, G. F., jr.	Moon, D. P.	Sutherland, W. C.
Earnhardt, E. S.	Jacobsen, A. W.	Moore, A. J.	Swenson, L. K.
Emerson, A. T.	Jefferis, L. V.	Morgan, G.	Swink, R. C.
Erickson, O. W.	Jenkins, B. F.	Mullinnix, H. M.	Terhune, J. A.
Ericsson, E. L.	Jenkins, E. H.	Northern, P. L., jr.	Thompson, W. M.
Evans, C. E.	Jones, H. S.	Pamperin, A. T.	Tildsley, J. M.
Failing, R. V. A.	Jones, R. H.	Parker, I.	Twining, R. B.
Fallon, H. N.	Jones, R. K.	Patterson, T. T.	Vail, L. R.
Fechteler, W. M.	Joy, C. T.	Phelps, H. L.	Van Buskirk, R. J.
Feineman, W. W.	Kalk, S. F.	Price, G. D.	Vincent, J. A.
Fiske, L. S.	Keady, W. L.	Price, J. D.	Wahl, E. A.
Flood, B. P.	Keliher, T. J., jr.	Price, W. R.	Walker, R. J.
Forrestel, W. J.	Kennedy, R. N.	Radford, A. W.	Warner, T. D.
Fraser, A. E.	Kenworthy, J. L.	Ragsdale, V. H.	Watters, J. S., jr.
Fuller, E. C.	Kercher, M. A.	Redfield, H. J.	Wead, F. W.
Furey, B. G.	Ketcham, T.	Reed, M. W.	Webb, A. W.
Gates, N. N.	King, E. D.	Reinburg, J. E.	Webb, R. E.
Geisenhoff, A. C.	Kirtland, F. D.	Rhudy, A. M.	Webb, W. W.
Gibson, M. E.	Kirtland, S. W.	Roberts, Q. F.	Wessell, L. P.
Gill, C. C.	Kitts, W. A., 3d.	Rodgers, B. J.	Wheeler, C. J.
Gilliam, C. T.	Klein, G. C.	Rogers, A. C.	White, H. J.
Ginder, S. P.	Krez, C. A.	Root, A. B.	Wilkes, J.
Glutting, P. R.	LaMotte, R. S.	Roper, C. H.	Williams, J. E.
Goen, P. S.	Lawrence, N. T., jr.	Rutledge, P. W.	Woodward, D. C.
Grassie, H. J.	Lawson, J. H.	Ryan, D. L.	Wynkoop, N. O.
Gregory, J. W.	Lennon, J. J.	Ryan, J. B.	Young, C.
Grosskopf, H. L.	Loventhal, W. F.	Safford, L. F.	Ziroli, H. W.
Halpine, C. G.	Lyle, C. H.	Sauer, E. P.	
Hamill, C. W.	Lyle, H. K.	Sawyer, A. L.	
Hamilton, S. A.	McFall, A. C.	Schmidt, H.	

Midshipmen Christian, K. C., Hale, J. I., first class, Dobyns, G. B., Godfrey, V. H., second class, and Steele, J. M., third-class, were in United States naval hospital, Annapolis, Md., during the first part of the summer. Midshipman H. F. Grimm, jr., second class, was on leave, and Midshipman D. D. Nelson, third class, was at the United States naval hospital, Las Animas, Colo., during the summer.

Itinerary of U. S. S. "Illinois," summer practice cruise, 1913.

June 7.—Midshipmen embarked.
June 8.—Sailed from Annapolis for Antwerp, Belgium.
June 23.—Arrived at Antwerp, Belgium.
July 8.—Sailed from Antwerp, Belgium, for Vigo, Spain.
July 11.—Arrived at Vigo, Spain.
July 15.—Sailed from Vigo, Spain, for Cadiz, Spain.
July 17.—Arrived at Cadiz, Spain.
July 26.—Sailed from Cadiz, Spain, for Gibraltar.
July 26.—Arrived at Gibraltar.
July 30.—Sailed from Gibraltar for Funchal, Madeira.
August 2.—Arrived at Funchal, Madeira.
August 6.—Sailed from Funchal, Madeira, for Chesapeake Bay.
August 18.—Arrived at Chesapeake Bay.
August 23.—Sailed for Annapolis, Md.
August 25.—Arrived at Annapolis, Md.
August 26.—Midshipmen disembarked.

RELATIVE STANDING OF MIDSHIPMEN.

Classes of midshipmen at the United States Naval Academy at the beginning of the academic year 1913–14; with the relative standing of the members of the first three classes, as determined at the annual examination, June, 1913. Also the relative standing of the class appointed in 1909.

* Received 85 per cent of the multiple.

† Found deficient, allowed a reexamination, passed, and continued with class.

¶ Retained in next lower class.

A Absent annual examination by reason of sickness; continued with class subject to delayed examinations.

a Absent by reason of sickness.

b Deficient at annual examination and at reexamination.

c Deficient on delayed examinations, reexamined and passed.

dd Died.

h Deficient at annual examination; to be dropped.

i Transferred to Las Animas, Colo., for treatment.

m Unsatisfactory in efficiency or conduct, or both; ordered to make practice cruise, 1913, to be given diploma and commission at the expiration thereof, provided reports of fitness for cruise are satisfactory.

n Absent annual examination in next higher class; retained in class in which his name appears.

o Passed as result of delayed examinations.

p Dropped for "inaptitude."

q Physically disqualified.

r Resigned.

s Passed on physical reexamination.

Relative standing of midshipmen appointed in 1909, at the annual

Order of general merit.	Names.	Appointed from—	Date of admission.	Age at date of admission.	
				Years.	Months.
*5	**Abbott, Henry Livermore**	Massachusetts	June 17, 1909	17	2
*qs*132	Agrell, Leonard Robert	Wisconsin	July 3, 1909	19	4
*1	**Andrews, George Angell**	Michigan	June 18, 1909	19	4
139	Ard, Ligon Briggs	Alabama	June 16, 1909	19	3
134	Asserson, Raymond	Minnesota	Sept. 2, 1909	19	9
*qr*126	Austin, Charles Linnell	Pennsylvania	Aug. 4, 1909	17	9
77	Babbitt, Leman Lee	New York	June 18, 1909	17	1
42	Berrien, Thomas Gugerty	Texas	June 26, 1909	20	0
*2	**Blandy, William Henry Purnell.**	Delaware	July 3, 1909	19	0
92	Bray, Stuart Earl	Missouri	Sept. 8, 1909	19	0
32	Brenner, James Emmet	Indiana	July 1, 1909	19	8
56	Briggs, Henry Mixer	Missouri	June 29, 1909	18	2
44	Brownell, John Angell	Rhode Island	June 19, 1909	17	5
61	Bryan, Hamilton Vose	California	July 2, 1909	19	1
22	Bryant, Stewart Frederick	Minnesota	May 1, 1909	20	0
39	Cassard, Paul	Maryland	Sept. 28, 1909	19	2
35	Causey, William Isaiah, jr.	Mississippi	July 3, 1909	19	11
131	Clarke, Lawrence Warner	New York	May 4, 1909	17	9
*qr*51	Clarkson, Herbert Slayden	Texas	May 6, 1909	18	0
115	Cochran, Walker	Texas	June 19, 1909	17	5
122	Conger, Franklin Barker, jr.	Kansas	May 1, 1908	18	5
64	Craven, Tunis Augustus Macdonough.	New Jersey	Aug. 18, 1909	16	7
12	Crisp, Frederick Grafton	Maryland	July 3, 1909	17	3
119	Dale, George Satterfield	Nebraska	May 1, 1909	20	0
31	Daughtry, Robin Bogans	Georgia	May 6, 1909	19	1
79	Davis, Ellsworth	Connecticut	July 2, 1909	17	4
10	Davis, Glenn Benson	Ohio	July 3, 1909	17	6
73	Davis, Hartwell Clarence	Maine	May 4, 1909	19	6
81	Dillingham, Frederick William.	New York	June 15, 1909	16	6
113	Donahue, Alfred Hyde	Vermont	July 6, 1909	20	0
74	Downes, Oliver Lee	Delaware	Apr. 30, 1909	19	8
49	Doyle, Walter Edward	Wyoming	July 1, 1909	19	11
62	Du Bose, Lawrence Toombs	Georgia	June 29, 1909	16	1
54	Dudley, Roy	New Hampshire	June 26, 1909	18	10

examination, 1913, for the last year of their academic course—140 members.

Sea service in practice ships.		Order of merit in—											Number of demerits.	Order of general merit.
Months.	Days.	Seamanship.	Ordnance.	Navigation.	Naval construction.	Engineering mechanics.	Marine engineering.	Electrical engineering.	Modern languages.	Hygiene.	Efficiency.	Practice cruise.		
8	20	5	6	8	6	11	3	4	7	21	15	3	15	*5
8	20	138	134	132	107	137	102	114	76	53	107	87	25	*qs*132
8	20	1	3	2	5	11	9	6	4	37	1	1	0	*1
8	20	137	136	134	116	117	138	125	119	48	129	24	55	139
8	20	73	130	135	120	129	127	124	133	16	119	97	25	134
8	8	126	133	106	45	127	95	97	91	127	111	79	50	*qr*126
8	20	117	103	140	73	68	82	71	104	80	42	27	0	77
9	3	84	86	52	85	34	84	54	5	67	45	49	0	42
8	20	7	1	4	1	3	1	3	3	7	15	2	25	*2
8	20	139	98	109	76	88	115	134	8	102	92	4	30	92
8	20	54	41	32	28	30	55	26	65	82	40	53	25	32
8	20	65	92	34	126	84	73	30	56	56	82	34	25	56
8	20	84	49	45	50	106	52	42	47	33	96	70	0	44
8	20	90	51	55	50	47	92	75	113	100	69	6	55	61
8	20	122	33	48	21	47	62	32	37	48	34	5	0	22
8	7	46	54	31	28	36	58	38	60	33	28	19	50	39
9	3	78	13	41	15	16	16	17	15	23	84	55	100	35
8	20	124	67	90	140	92	109	110	78	129	116	23	100	131
8	20	78	70	59	54	75	98	60	94	129	43	18	0	*qr*51
8	20	132	126	121	86	106	109	126	40	107	103	36	25	115
10	5	127	101	112	68	124	42	126	119	138	117	82	40	122
8	20	102	100	62	76	111	84	52	59	135	105	13	15	64
8	20	8	11	22	10	23	13	29	54	56	5	8	0	12
8	20	117	53	77	81	84	60	78	112	138	133	14	125	119
8	7	60	44	40	34	46	46	30	30	117	61	11	15	31
8	20	132	94	69	68	53	119	112	21	118	54	47	25	79
8	20	3	10	11	24	17	34	10	23	63	14	7	0	10
8	20	14	78	73	54	111	101	83	36	108	96	36	40	73
8	20	17	56	28	137	122	107	28	12	39	136	130	65	81
8	13	102	131	75	118	111	116	106	72	12	108	64	40	113
8	14	63	116	97	81	43	61	100	98	115	11	97	25	74
8	20	93	63	49	47	41	95	46	71	25	99	32	15	49
8	20	52	57	30	73	120	111	63	95	72	84	55	25	62
8	20	69	35	56	28	37	50	56	89	42	113	55	40	54

Relative standing of midshipmen appointed in 1909, at the annual examination,

Order of general merit.	Names.	Appointed from—	Date of admission.	Age at date of admission.	
				Years.	Months.
17	Dunbar, Palmer Hall, jr	Massachusetts	July 9, 1909	18	4
102	Dunn, Arthur Wallace, jr	Minnesota	July 23, 1909	17	9
9	Enright, Earl Francis	Nebraska	July 13, 1909	17	9
70	Fenn, Herbert Keeney	Maine	June 29, 1909	18	9
120	Floyd, Henry Fletcher	Arkansas	June 28, 1909	20	0
*qs*24	Foutz, Charles Lewis	Ohio	June 29, 1909	19	11
*3	**Gayhart, Everett Le Roy**	Ohio	June 16, 1909	18	11
47	Geer, Solomon Haddon	South Carolina	May 4, 1909	18	11
*m*80	Geisenhoff, Neil Henry	New York	June 16, 1909	17	7
97	Gellerstedt, Harry Reynolds	Alabama	July 6, 1909	16	9
60	Gillette, Norman Campbell	Illinois	July 3, 1909	19	7
66	Gray, Lloyd Robert	California	June 11, 1909	18	3
67	Grayson, Robert Houston	Alabama	June 11, 1909	19	6
36	Greene, George Loomis, jr	Rhode Island	June 24, 1909	16	10
130	Haas, Andrew Leo	Pennsylvania	July 6, 1909	18	11
58	Hall, John Leslie	Virginia	June 17, 1909	18	2
103	Hatch, William Gibb Bartlett	New York	July 3, 1909	18	8
43	Helmick, Charles Gardiner	Kansas	May 6, 1909	16	10
55	Henderson, Jesse Robert	Kentucky	June 28, 1909	18	11
65	Hendren, Paul	North Carolina	July 1, 1909	19	8
48	Henry, Walter Owen	Texas	June 29, 1909	16	10
88	Hill, John Le Voy	Ohio	June 29, 1909	19	11
94	Hintze, Karl Erhard	California	June 12, 1908	17	2
18	Hoard, Carl Erling	Oklahoma	July 3, 1909	17	3
127	Hoffman, Joseph Homer	Pennsylvania	Aug. 21, 1909	17	8
125	Hudson, Michael	North Carolina	June 19, 1909	19	11
53	Hull, Carl Townsend	New York	July 2, 1909	17	10
57	Hull, George Dickson	Missouri	June 18, 1909	18	1
68	Hunt, Bernard Thomas	New York	July 1, 1909	18	7
111	Hutchins, Gordon	Pennsylvania	July 2, 1909	17	7
14	Ingraham, Charles Nelson	Ohio	July 1, 1908	17	4
37	Johnston, Frank Linn	Missouri	June 17, 1909	18	8
*4	**Jones, James Cary, jr**	Alabama	June 11, 1909	17	3
93	Jones, John Douglas	Ohio	June 28, 1909	19	9
63	Junkin, George Benn	Kansas	June 12, 1909	19	7
27	Jupp, William Bradford	Michigan	June 10, 1909	17	2

1913, for the last year of their academic course—140 members—Continued.

Sea service in practice ships.		Order of merit in—											Number of demerits.	Order of general merit.
Months.	Days.	Seamanship.	Ordnance.	Navigation.	Naval construction.	Engineering mechanics.	Marine engineering.	Electrical engineering.	Modern languages.	Hygiene.	Efficiency.	Practice cruise.		
8	20	15	12	15	14	17	58	21	23	78	99	24	25	17
8	20	110	110	72	133	117	121	91	85	1	117	73	25	102
8	5	5	7	6	7	1	4	2	21	45	105	87	25	9
8	9	127	46	43	76	73	128	66	33	24	47	121	40	70
5	26	78	112	126	114	92	130	117	70	92	54	143	0	120
8	13	36	22	24	24	47	44	38	44	82	31	64	15	*qs*24
8	13	1	2	3	4	5	7	1	6	2	8	78	0	*3
8	7	33	65	46	44	44	23	76	140	63	28	47	25	47
11	3	31	34	25	48	14	39	34	37	26	135	135	130	*m*80
8	13	54	99	74	88	133	62	57	82	35	99	111	50	97
5	15	84	74	92	67	97	41	102	58	20	21	55	0	60
9	3	33	30	27	34	57	21	45	125	74	135	91	90	66
8	18	63	81	76	110	53	84	105	39	105	10	102	25	67
8	13	54	35	63	34	67	92	53	67	76	13	82	0	36
8	13	33	104	78	76	103	104	94	55	30	138	129	65	130
8	0	36	79	58	88	111	84	97	11	67	24	73	0	58
8	13	84	126	104	88	88	84	120	111	121	89	96	0	103
8	13	39	64	61	32	63	43	43	9	19	82	55	25	43
8	13	46	39	42	28	63	38	36	134	121	127	123	15	55
8	13	39	84	70	101	91	55	94	46	44	92	92	0	65
8	18	60	52	33	45	17	62	97	72	40	51	73	15	48
8	13	96	114	111	104	61	92	100	64	71	69	111	0	88
10	18	102	125	82	33	103	102	72	89	90	43	92	30	94
8	13	20	19	37	9	9	11	18	65	63	127	55	0	18
8	13	107	115	108	88	133	120	126	107	85	121	123	15	127
8	13	75	118	130	101	77	130	132	75	53	124	87	25	125
8	13	46	59	117	68	77	49	69	53	13	28	55	0	53
8	13	69	81	71	76	47	18	61	110	69	22	105	15	57
8	13	46	49	19	128	10	68	63	10	74	137	139	40	68
8	13	78	123	95	98	75	130	107	104	60	84	92	25	111
11	8	24	14	12	24	22	15	12	20	81	24	73	15	14
6	1	31	48	39	22	24	70	51	27	13	79	68	15	37
8	13	19	5	1	3	4	6	11	1	115	2	14	15	*4
8	13	69	102	113	124	77	125	114	129	136	36	70	0	93
8	13	26	77	59	94	29	32	48	98	103	111	110	40	63
8	26	39	96	50	18	57	28	15	115	47	22	40	0	27

Relative standing of midshipmen appointed in 1909, at the annual examination,

Order of general merit.	Names.	Appointed from—	Date of admission.	Age at date of admission.	
				Years.	Months.
75	Kates, John Moore	Oklahoma	July 1, 1909	19	0
11	Keisker, Herman Edward	Kentucky	July 2, 1909	17	11
99	Kirkpatrick, Robert Dudley	Texas	July 1, 1909	17	11
20	Knight, Richard Harwood	Washington	June 28, 1909	16	2
135	Lee, David Rowland	Kentucky	July 3, 1909	19	6
118	Lee, Jerome Addison	Minnesota	June 13, 1908	17	9
7	Leighton, Bruce Gardner	Pennsylvania	June 26, 1909	17	0
85	Lingo, Benjamin Harrison	Ohio	July 3, 1909	19	1
117	McCawley, Edmund Smith	Pennsylvania	July 1, 1909	19	3
16	McFeaters, Charlie Paul	Pennsylvania	July 1, 1909	17	10
124	McGuire, Thomas White	Tennessee	June 16, 1909	18	1
*hp*138	McKee, Frederick Wick	Pennsylvania	July 1, 1909	17	10
116	Marcus, Arnold	New York	May 22, 1909	16	11
110	Masek, William	Illinois	June 19, 1909	18	9
30	Mathews, James Thomas	South Carolina	June 19, 1909	17	7
72	Meek, William Woodruff	Tennessee	June 19, 1909	16	7
84	Miller, Justin McCarthy	Utah	July 10, 1909	18	5
106	Moore, Samuel Nobré	Pennsylvania	Sept. 2, 1909	19	0
46	O'Keefe, Edward Joseph	Connecticut	June 29, 1909	17	5
*r*133	O'Neal, Kirkman	Alabama	June 16, 1909	19	0
87	Page, Hardy B	Idaho	May 5, 1909	19	2
98	Palmer, John Roy	Missouri	June 15, 1908	19	3
137	Parmelee, Harold Perry	California	June 18, 1909	20	0
96	Parrish, Charles Jefferson	Virginia	July 3, 1909	19	10
50	Pearse, Clay Lewis	Iowa	May 7, 1909	18	3
*qr*136	Pendleton, Arvid	New York	June 16, 1908	18	5
90	Pfaff, Roy	Oklahoma	June 16, 1909	18	5
123	Pickering, Langdon Dominique.	Rhode Island	June 9, 1909	17	9
19	Pickhardt, Adolf Von Scheven	New York	June 15, 1909	17	6
105	Pillsbury, Horace Watts	New Hampshire	June 15, 1909	17	9
101	Powell, Paulus Prince	Virginia	July 1, 1909	17	2
89	Quinlan, Earl Harrison	Colorado	June 29, 1909	20	0
83	Ransom, Philip Cox	Vermont	June 17, 1909	17	8
76	Robinson, Arthur Granville	New York	June 15, 1909	17	1
108	Roth, Louis James	Iowa	June 11, 1909	19	1
82	Ruble, Wilbur John	California	June 29, 1909	19	9

1913, for the last year of their academic course—140 members—Continued.

Sea service in practice ships.		Order of merit in—											Number of demerits.	Order of general merit.
Months.	Days.	Seamanship.	Ordnance.	Navigation.	Naval construction.	Engineering mechanics.	Marine engineering.	Electrical engineering.	Modern languages.	Hygiene.	Efficiency.	Practice cruise.		
5	15	54	90	56	81	68	46	50	101	16	89	131	40	75
8	13	8	9	29	7	14	14	14	14	27	5	9	0	11
5	15	107	71	105	58	26	104	133	127	118	51	111	25	99
8	18	18	40	17	58	61	73	49	95	32	15	17	0	20
5	20	84	137	125	133	84	111	119	124	121	108	108	40	135
11	12	36	108	101	138	139	133	109	47	87	92	116	25	118
8	18	10	16	7	13	6	9	7	13	98	15	9	0	7
8	18	69	120	99	68	95	28	85	98	94	38	82	25	85
8	18	96	132	137	88	77	78	77	121	125	69	87	25	117
8	18	20	25	20	12	24	34	20	29	5	9	36	15	16
8	18	39	113	127	107	120	116	118	125	105	69	99	40	124
8	18	90	140	93	136	136	137	140	137	31	69	82	45	*hp*138
8	18	78	69	106	126	101	70	126	132	138	79	137	25	116
8	18	127	117	136	50	123	84	137	129	7	120	27	0	110
8	18	12	20	21	64	30	52	72	28	132	36	92	15	30
8	18	65	38	116	110	57	81	63	78	36	40	136	25	72
8	6	26	83	109	93	137	73	77	16	37	69	64	40	84
8	18	93	126	94	131	77	133	88	134	118	61	43	25	106
8	18	75	43	67	64	41	52	43	26	131	61	27	25	46
8	18	122	74	87	118	96	111	104	107	90	126	140	50	*r*133
8	12	96	109	102	94	125	128	66	82	42	51	34	25	87
11	0	135	60	88	135	40	116	126	77	113	54	43	40	98
8	12	132	129	133	124	103	136	138	107	124	61	127	25	137
8	12	135	54	83	138	111	121	80	123	138	113	52	25	96
8	12	102	47	84	37	106	19	46	34	7	92	24	25	50
11	5	139	104	86	140	129	139	120	114	45	124	127	25	*qr*136
8	12	54	95	96	39	101	46	81	122	125	121	79	25	90
5	14	110	124	127	129	131	62	139	137	113	57	43	25	123
8	12	24	21	65	11	84	7	54	86	108	3	16	0	19
8	11	110	58	89	122	68	73	112	118	132	84	111	40	105
8	5	117	89	123	98	47	55	114	40	62	89	121	25	101
8	11	127	120	114	66	65	82	93	104	108	69	31	15	89
8	11	78	92	118	110	125	30	87	17	63	79	99	15	83
8	11	75	72	79	136	68	98	69	63	28	103	134	0	76
8	11	96	76	124	114	97	84	62	86	85	102	116	45	108
8	3	110	85	81	101	56	62	88	82	58	61	120	15	82

Relative standing of midshipmen appointed in 1909, at the annual examination,

Order of general merit.	Names.	Appointed from—	Date of admission.	Age at date of admission.	
				Years.	Months.
71	Searles, Paul John	Indiana	June 29, 1909	17	7
6	Searles, Thomas Mount	Mississippi	July 6, 1909	17	11
33	Seibert, Walter	Michigan	June 17, 1909	19	9
100	Seiller, Henry Albert	New York	June 19, 1909	19	6
26	Shine, Thomas	Kentucky	June 17, 1909	17	9
29	Shock, Thomas Macy	Pennsylvania	July 1, 1909	17	2
q 86	Skinner, Harry George, jr	Maryland	June 29, 1909	20	1
qr 95	Sleeper, Paul De Voe	New Jersey	July 1, 1909	19	9
128	Smith, Jesse Hume	West Virginia	July 19, 1909	18	0
21	Stevens, Paul Augustus	Delaware	July 1, 1909	19	4
114	Strong, James Hale	Massachusetts	May 4, 1909	19	1
107	Thebaud, Leo Hewlett	New York	July 1, 1909	19	5
78	Thompson, Terry Brewster	Michigan	June 7, 1909	18	4
109	Thurston, Samuel Sylvester	Pennsylvania	July 1, 1909	19	3
91	Timberlake, Julian Burton	North Carolina	July 3, 1909	16	9
59	Tisdale, George Merrick	At large	Sept. 2, 1909	16	10
38	Todd, Chapman Coleman, jr	Kentucky	June 29, 1909	16	5
m 140	Valentine, Rawson James	New York	July 1, 1909	17	1
69	Vanderkloot, Elroy Leonard	Illinois	June 17, 1909	19	9
25	Van Valzah, Harold Chamberlain.	Indiana	July 2, 1909	17	7
40	Venable, Reginald Sidney Hugh.	California	July 1, 1909	18	8
28	Wallace, Kenneth Reuben Ransom.	Illinois	June 11, 1909	16	9
129	Walton, Arthur Stuart	California	July 28, 1908	17	10
13	Want, Cullen Henery	Illinois	July 14, 1909	18	9
121	Webb, James Reid	South Carolina	July 2, 1909	19	8
23	White, Hugh Letcher	Kentucky	July 1, 1909	17	10
41	Wild, Laurence	Nebraska	July 6, 1909	19	2
15	Wilson, Roy Jefferson	Mississippi	July 1, 1909	19	5
112	Withers, Clarke	Pennsylvania	July 3, 1909	17	2
45	Wolf, George Wheeler	Pennsylvania	June 29, 1909	17	2
104	Wood, Valentine	Missouri	July 6, 1909	19	3
qs 8	Woodside, Elmer Lee	Missouri	June 19, 1909	19	9
34	Wright, William Lloyd	Texas	July 1, 1909	17	7
52	Zemke, Eric Fred	Wisconsin	June 11, 1909	19	1

1913, for the last year of their academic course—140 members—Continued.

Sea service in practice ships.		Order of merit in—											Number of demerits.	Order of general merit.
Months.	Days.	Seamanship.	Ordnance.	Navigation.	Naval construction.	Engineering mechanics.	Marine engineering.	Electrical engineering.	Modern languages.	Hygiene.	Efficiency.	Practice cruise.		
8	12	115	45	53	110	17	84	85	35	16	121	102	55	71
8	12	39	8	5	1	2	2	5	43	22	113	43	0	6
8	18	65	42	68	39	39	37	34	101	50	34	11	15	33
8	18	93	122	115	86	131	95	92	44	82	61	32	25	100
8	18	26	32	38	48	66	25	23	50	96	57	99	0	26
8	18	60	37	36	20	97	21	38	19	11	39	63	15	29
8	18	115	104	119	104	97	39	81	91	13	69	49	25	*q* 86
8	18	90	73	91	61	106	78	78	23	10	129	49	55	*qr* 95
8	18	117	139	122	94	143	44	90	47	96	134	132	0	128
8	18	73	29	23	39	27	12	25	31	3	61	64	25	21
7	16	127	79	98	94	77	62	107	56	77	132	68	50	114
8	18	52	135	138	116	117	125	134	2	108	47	19	25	107
8	18	65	86	100	57	88	50	84	18	40	47	125	25	78
8	18	124	97	85	120	135	78	102	129	128	57	105	25	109
8	18	84	66	44	122	53	111	57	115	78	60	116	75	91
8	18	46	26	64	58	34	73	68	60	101	61	86	50	59
8	18	96	68	26	61	111	70	24	67	132	15	19	25	38
11	21	96	138	131	142	139	139	136	101	53	140	142	75	*m* 140
8	25	117	90	80	104	68	121	94	117	58	26	40	0	69
8	18	29	28	16	50	17	104	26	93	136	12	73	40	25
9	1	11	24	54	39	28	26	33	42	88	129	36	50	40
8	18	20	27	10	61	7	98	13	62	52	47	132	40	28
8	15	39	119	129	107	77	121	120	95	73	96	105	50	129
8	18	4	15	13	27	37	23	8	51	6	7	119	15	13
8	18	110	88	120	68	106	135	126	128	69	57	125	25	121
8	18	12	23	46	39	30	26	18	81	60	84	55	15	23
8	18	46	62	35	37	44	30	41	52	138	27	111	15	41
8	12	39	31	14	15	13	19	16	72	4	20	79	0	15
8	12	102	104	103	98	74	68	72	67	93	32	102	75	112
8	12	20	17	51	22	52	34	37	31	29	45	27	100	45
8	12	107	110	139	73	141	107	120	139	28	32	53	0	104
5	14	30	4	9	17	8	5	9	78	89	3	40	20	*qs* 8
8	12	54	61	57	81	33	16	21	136	51	69	70	0	34
8	12	15	18	18	19	72	32	59	88	94	108	19	100	52

Midshipmen of the first class and relative standing at

Order of general merit.	Names.	Appointed from—	Date of admission.	Age at date of admission.	
				Years.	Months.
34	Addons, Andrew Hughes	Missouri	June 21, 1910	18	2
117	Alford, Leon Otto	Louisiana	July 12, 1910	16	10
127	Angel, Charles Fitzhugh	New York	June 17, 1910	18	3
118	Arnold, Joseph Calvin	Pennsylvania	June 20, 1910	18	2
88	Arvin, George Simeon	Virginia	May 4, 1910	18	9
64	Ashbrook, Allan Withers	Kentucky	May 17, 1910	17	11
125	Austin, William De Wayne	Kentucky	June 22, 1910	19	10
100	Baker, Wilder Du Puy	Michigan	Apr. 29, 1910	19	9
38	Balsley, Alfred Henry	North Carolina	June 13, 1910	18	1
*5	**Bayley, Warner Williamson**	At large	July 7, 1910	16	8
150	Beard, William Kelly	Florida	June 14, 1910	17	8
37	Berry, Albert Gleaves, jr	New York	July 6, 1910	16	3
31	Black, James David	Ohio	July 6, 1910	16	10
116	Blades, Lawrence John Kinzer	Maryland	July 8, 1910	19	0
85	Boak, James Earl	Pennsylvania	June 20, 1910	19	2
109	Bower, Thomas Taylor	Pennsylvania	July 7, 1910	19	8
146	Brown, John Herbert, jr	Pennsylvania	June 18, 1910	18	8
18	Bryant, Carleton Fanton	Maine	May 2, 1910	17	5
21	Buchanan, John Henry	Texas	May 5, 1910	19	5
90	Bumpus, Foster Cushman	Massachusetts	June 14, 1910	18	1
136	Bungert, William Dudley	New Jersey	July 14, 1910	19	11
113	Burgy, William Clayton	Ohio	July 11, 1910	19	6
Ao 42½	Burrough, Edmund Weidmann.	New York	June 20, 1910	19	8
87	Callahan, Macolm Whitfield	Tennessee	May 2, 1910	19	11
13	Carey, Charles Baltimore Calvert.	Maryland	May 9, 1910	16	6
107	Cary, Robert Webster, jr	Missouri	May 3, 1910	19	9
Ao 58½	Christian, Kemp Catlett	Louisiana	July 8, 1910	17	7
53	Clark, Bert Franklin	Wyoming	June 4, 1909	17	11
82	Clarke, Vincent Arthur, jr	Pennsylvania	June 17, 1910	18	9
*2	**Cochrane, Edward Lull**	Pennsylvania	June 17, 1910	18	3
119	Cohen, Marion Young	New Jersey	Aug. 17, 1910	18	4
61	Conolly, Richard Lansing	Illinois	July 7, 1910	18	2
42	Corn, William Anderson	Utah	July 8, 1910	18	5
47	Creighton, John Marie	Pennsylvania	July 8, 1910	18	11
79	Cunneen, Frank James	New York	Sept. 9, 1910	19	10

The annual examination, June, 1913—157 members.

Sea service in practice ships.		Order of merit in—										Number of demerits.	Order of general merit.
Months.	Days.	Ordnance.	Navigation.	Principles of mechanism.	Marine engines and boilers.	Mechanics.	Electrical engineering.	English.	Languages.	Efficiency.	Practice cruise.		
8	12	31	55	22	45	34	64	23	35	15	55	1	34
8	12	82	90	99	92	100	107	153	106	105	65	57	117
8	12	143	125	114	140	135	131	108	100	112	7	17	127
8	12	137	106	109	125	67	122	139	151	53	10	39	118
8	12	120	90	109	59	104	93	91	117	87	5	32	88
8	12	65	49	63	110	49	100	108	149	25	2	0	64
8	12	64	105	128	125	144	144	113	121	137	46	0	125
8	12	36	78	95	76	141	77	142	92	46	49	65	100
8	13	12	35	37	28	73	48	42	50	19	55	26	38
8	6	2	5	7	5	13	7	17	5	29	6	23	*5
8	7	149	142	156	143	158	151	148	152	3	81	42	150
8	12	33	35	55	59	22	60	68	36	53	35	0	37
8	12	49	30	29	68	32	43	23	13	139	10	17	31
8	12	65	110	128	75	141	117	152	144	77	38	16	116
8	12	73	55	89	117	109	81	94	127	33	33	9	85
8	12	68	86	89	134	71	116	68	117	105	29	59	109
7	29	145	142	120	151	151	149	126	153	124	59	9	146
8	12	42	16	22	28	20	45	32	27	53	4	17	18
8	12	18	17	25	46	26	36	101	53	30	10	1	21
8	12	25	90	120	54	125	84	83	139	152	9	9	90
8	12	129	148	138	152	135	141	113	108	105	19	0	136
8	12	87	115	118	117	116	131	61	138	124	18	0	113
8	12	99	15½	52	52½	90	57	14	71½	25	26	9	*Ao*42½
8	6	92	121	78	114	49	79	142	144	49	19	1	87
8	12	17	15	25	24	28	20	8	32	72	14	8	13
6	29	78	123	109	130	100	98	135	113	49	26	17	107
7	8	19	86	43	59	78	57½	82	126½	67	35	0	*Ao*58½
11	10	23	46	31	51	41	62	123	120	101	29	22	53
8	12	21	65	42	59	54	68	76	104	17	15	149	82
8	13	6	2	5	4	10	5	7	10	1	1	9	*2
8	12	121	123	109	120	73	126	118	109	93	89	18	119
8	12	68	84	65	71	60	64	54	48	89	73	9	61
8	12	16	46	34	38	41	50	76	53	15	65	51	42
8	13	52	65	89	33	86	53	49	21	17	38	7	47
8	12	60	58	63	80	62	74	54	67	42	59	84	79

Midshipmen of the first class and relative standing at the

Order of general merit.	Names.	Appointed from—	Date of admission.	Age at date of admission.	
				Years.	Months.
*3	**Davis, Noel**	Utah	June 18, 1910	18	6
122	Davis, Ralph Otis	Illinois	May 4, 1910	19	4
80	Deming, Raymond Arnold	Connecticut	June 11, 1910	19	5
143	Dickinson, Haiden Trigg	Kentucky	Sept. 2, 1910	18	10
104	Dombrowski, Boleslaw Leonard.	Illinois	June 16, 1910	18	7
131	Dortch, William Brice	Alabama	Sept. 2, 1909	17	5
114	Downey, Thomas Francis	Massachusetts	June 23, 1910	19	7
45	Doyle, Thomas John, jr	Nebraska	July 11, 1910	17	11
39	Dugger, Greene Williams, jr	Alabama	July 14, 1910	18	10
92	Dyer, Robert Allen, 3d	New York	July 7, 1910	18	5
23	Earle, Fred Martin	Vermont	May 16, 1910	20	0
67	Early, Alexander Rieman, jr	Maryland	July 9, 1910	17	10
*1	**Ellsberg, Edward**	Colorado	July 7, 1910	18	8
*4	**Ferrell, Robert White**	Virginia	July 13, 1910	16	3
144	Fitzsimons, Paul, jr	At large	Sept. 9, 1910	18	10
96	Fletcher, Paul Williams	Vermont	July 8, 1910	18	1
141	Fox, William Vincent	Pennsylvania	May 27, 1910	20	0
11	Fry, Conrad Dickinson	Illinois	May 6, 1910	17	0
138	Gearing, Wallis	Pennsylvania	May 12, 1910	16	6
46	Gilchrist, K. P	Missouri	June 16, 1910	19	10
59	Gladden, Charles Thomas Smith.	Maryland	July 13, 1910	16	9
128	Griffin, Martin	Massachusetts	July 9, 1910	19	3
29	Hale, John Isaac	Tennessee	July 2, 1910	19	7
95	Hans, Rudolph Frank	Nebraska	May 7, 1910	17	10
32	Harrill, William Keen	Tennessee	May 13, 1910	18	0
83	Hart, William Jackson, jr	New York	Aug. 29, 1910	19	5
94½	Hatch, Raymond Salisbury	Wisconsin	May 7, 1910	19	2
65	Hayler, Robert Ward	Indiana	June 15, 1910	19	0
77	Heard, William Augustin	Texas	July 16, 1910	17	6
93	Howe, George Tyler	Michigan	June 16, 1910	19	6
133	Hoyt, Henry Willet	Florida	May 10, 1910	19	10
84	Ingram, Homer L	Indiana	June 15, 1910	18	5
94	Jalbert, Horace Homer	Rhode Island	May 5, 1910	18	10
10	Jones, Carl Henry	Alabama	June 22, 1910	17	0

annual examination, June, 1913—157 members—Continued.

Sea service in practice ships.		Order of merit in—										Number of demerits.	Order of general merit.
Months.	Days.	Ordnance.	Navigation.	Principles of mechanism.	Marine engines and boilers.	Mechanics.	Electrical engineering.	English.	Languages.	Efficiency.	Practice cruise.		
8	13	2	3	3	1	5	3	30	24	10	23	0	*3
8	12	73	148	138	148	86	141	65	133	13	51	0	122
8	12	99	76	89	114	99	96	50	58	46	35	0	80
6	5	111	125	146	134	148	131	113	111	132	142	25	143
8	4	123	95	138	108	125	129	92	18	61	108	2	104
11	12	87	121	143	140	152	113	118	55	124	67	23	131
8	3	107	139	138	143	116	100	61	39	121	69	1	114
8	4	96	20	16	78	6	17	146	84	116	89	125	45
8	4	52	65	52	20	30	33	104	75	82	49	26	39
8	4	135	84	86	108	125	110	42	77	38	85	2	92
8	4	45	21	27	59	13	14	25	50	84	38	50	23
7	29	34	52	55	47	49	81	108	109	139	80	7	67
8	4	1	1	1	3	2	1	1	3	116	85	17	*1
8	4	4	4	5	2	6	8	36	4	33	19	0	*4
5	25	116	148	154	120	144	148	149	77	111	130	15	144
8	4	143	139	138	130	61	90	76	60	112	15	0	96
8	4	85	115	120	110	150	146	97	140	150	130	9	141
8	4	5	27	9	5	41	12	8	15	72	121	9	11
8	4	104	111	131	93	149	136	157	79	139	146	17	138
7	3	7	35	16	7	56	27	72	99	147	103	107	46
8	4	25	86	47	31	96	58	92	79	89	100	0	59
8	4	96	106	126	145	96	127	135	86	67	125	23	128
6	14	25	35	55	21	71	23	11	16	93	73	0	29
8	4	125	106	105	99	83	110	97	42	38	130	17	95
8	3	19	32	12	8	22	15	84	21	132	125	107	32
8	3	55	78	48	78	90	57	111	91	142	134	17	83
8	4	83	58	109	103	86	89	27	100	124	158½	0	94½
7	22	38	99	95	54	120	62	36	46	4	107	1	65
8	3	99	49	114	85	90	43	104	71	67	117	25	77
7	21	104	97	120	76	90	107	135	97	20	130	0	93
8	3	68	136	146	145	137	139	39	82	124	140	0	133
7	21	42	115	105	42	86	85	128	126	84	38	0	84
8	3	78	131	148	85	153	143	68	1	61	67	0	94
8	3	38	8	16	11	12	13	6	30	112	85	1	10

Midshipmen of the first class and relative standing at the

Order of general merit.	Names.	Appointed from—	Date of admission.	Age at date of admission.	
				Years.	Months.
134	Kessing, Oliver Owen	Indiana	July 8, 1910	19	7
89	Killmaster, Benjamin Stacy	Michigan	May 5, 1910	16	11
85	Lahodny, William Joseph	Minnesota	June 28, 1910	19	1
20	Larson, William John	Michigan	July 8, 1910	18	8
108	Latimore, Thomas Calloway, jr.	Tennessee	May 9, 1910	19	10
12	Laycock, John Noble	Massachusetts	July 12, 1910	18	2
153	Leonard, Henry Read, jr	Pennsylvania	July 8, 1910	18	4
25	Lowe, Frank Loper	Arkansas	Aug. 1, 1910	19	3
132	Luker, Robert Philip	Illinois	June 25, 1910	19	2
123	McClure, Clinton Inness	Kansas	May 6, 1910	19	8
70	McCown, James Arthur	Texas	June 18, 1910	19	6
97	McDonald, Lewis Halladay	Ohio	July 8, 1910	19	6
15	McGuigan, Joseph Loyd	Oklahoma	July 12, 1910	17	5
124	McReavy, Clarence James	Washington	June 18, 1910	19	11
135	Macgowan, Charles Alton	Maine	May 13, 1910	19	6
27	Malloy, William Earle	Texas	June 13, 1910	17	10
*7	**Manning, George Charles**	Pennsylvania	May 6, 1910	17	9
9	Marron, Adrian Raphael	Colorado	July 9, 1910	17	6
72	Martin, Charles Franklin	South Carolina	June 25, 1910	18	6
56	Marvell, George	At large	July 9, 1910	16	7
142	Maury, Robert Henry	Virginia	June 21, 1910	19	6
101	Maury, Sifrein Fontaine	New Jersey	June 15, 1909	17	5
aidd	Meacham, Ralph Taudy	Kentucky	June 24, 1910	16	11
99	Mecum, Charles Harrison	New Jersey	July 9, 1910	18	0
58	Mittendorf, Harvey Clarence	Ohio	June 21, 1910	18	11
130	Moloney, John Franklin	New York	July 16, 1910	18	0
60	Moore, Samuel Gunnell	Texas	July 11, 1910	18	0
91	Moss, Julius Madison	Mississippi	July 11, 1910	19	9
52	Moyer, John Gould	Indiana	June 16, 1910	16	11
71	Nash, Thomas Lewis	Virginia	June 18, 1910	19	1
24	Neiley, George Field	Massachusetts	July 9, 1910	18	0
14	Nelson, Gordon Whymper	New York	June 16, 1910	18	6
98	Nelson, Harold Joachim	North Dakota	Sept. 1, 1910	19	5
140	Nicholls, William Montague	South Carolina	May 7, 1910	18	5
106	O'Brien, Francis Kendall	At large	July 21, 1910	17	10
75	Offley, Archibald Nelson	At large	July 9, 1910	18	3

annual examination, June, 1913—157 members—Continued.

Sea service in practice ships.		Order of merit in—										Number of demerits.	Order of general merit.
Months.	Days.	Ordnance.	Navigation.	Principles of mechanism.	Marine engines and boilers.	Mechanics.	Electrical engineering.	English.	Languages.	Efficiency.	Practice cruise.		
8	3	136	139	131	130	114	125	113	96	137	121	9	134
8	4	92	111	70	59	120	113	39	33	105	59	34	89
8	4	73	134	83	68	123	98	72	6	152	51	1	85
8	4	92	10	30	14	31	35	84	60	61	59	1	20
7	21	104	86	126	103	125	110	142	125	109	42	0	108
8	0	49	25	38	17	11	25	123	8	6	15	24	12
7	21	153	151	157	154	153	150	158	148	121	146	100	153
8	4	92	26	35	22	36	28	101	69	101	8	1	25
8	4	139	78	143	125	137	121	52	104	132	95	48	132
8	4	127	103	120	93	96	131	156	73	152	23	34	123
8	4	113	65	99	36	133	74	65	42	49	73	0	70
8	10	96	71	89	59	114	79	111	150	155	95	1	97
5	29	38	12	7	26	9	15	134	94	147	55	1	15
7	27	38	125	135	47	104	90	139	144	23	154	50	124
8	11	151	131	151	103	104	137	155	142	13	146	0	135
8	10	9	23	20	9	59	21	97	107	89	110	9	27
8	10	60	5	11	18	8	3	2	2	25	89	0	*7
8	10	29	10	12	16	18	10	36	25	30	33	0	9
8	10	148	33	78	99	73	81	10	66	61	69	30	72
8	10	11	97	55	26	49	42	101	74	116	115	17	56
8	10	150	142	133	134	116	147	94	130	42	151	0	142
8	10	78	99	114	93	79	124	118	86	77	128	0	101
2	28	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	*aidd*
8	4	123	57	118	71	79	47	65	100	101	158	75	99
8	10	60	41	60	71	57	48	76	55	53	128	34	58
8	4	127	106	153	120	123	102	123	86	145	136	0	130
8	10	132	78	70	71	24	64	54	26	87	157	0	60
8	10	116	99	114	80	112	95	54	63	53	85	18	91
8	10	87	28	83	107	16	60	27	37	77	73	26	52
7	5	114	58	75	88	63	93	39	42	46	100	17	71
8	10	55	28	12	59	28	29	84	47	7	13	25	24
8	10	13	30	21	22	26	39	29	39	10	2	1	14
8	5	73	130	61	98	109	105	113	141	84	64	0	98
6	22	132	86	133	117	141	107	131	147	53	73	75	140
8	4	132	125	99	80	109	117	97	86	20	53	32	106
8	4	60	78	99	80	104	72	42	71	121	42	1	75

Midshipmen of the first class and relative standing at the

Order of general merit.	Names.	Appointed from—	Date of admission.	Age at date of admission.	
				Years.	Months.
76	Page, Benjamin H	Kansas	May 14, 1910	18	5
49	Palmer, Edward Charles	Iowa	May 13, 1910	16	2
121	Peck, Irvine Dewey	Wisconsin	June 20, 1910	18	6
*8	**Pelton, Fred Earl**	Colorado	June 14, 1910	16	7
151	Pennoyer, Ralph Gilbert	Missouri	June 17, 1910	19	0
30	Percival, Franklin George	Iowa	May 7, 1910	19	3
69	Perry, Russell Elvin	New Hampshire	July 9, 1910	18	4
129	Popham, William Sherbrook, jr.	New Jersey	June 24, 1910	18	2
43	Porter, William Hamilton, jr.	Kentucky	Sept. 8, 1910	19	9
105	Powers, Frederick Dodge	Iowa	July 9, 1910	17	11
36	Quarles, Sherrod Hadley	Alabama	June 22, 1910	17	5
54	Ralston, Byron Brown	Ohio	May 7, 1910	19	7
74	Ray, Herbert James	Tennessee	June 18, 1910	17	5
39	Redman, Joseph Reasor	Nevada	June 16, 1910	19	2
78	Riché, Swift	Illinois	June 14, 1910	20	0
126	Roehl, William Frederick	Washington	July 1, 1910	19	9
66	Rooks, Albert Harold	Washington	July 13, 1710	18	6
50	Rosendahl, Charles Emery	Texas	July 9, 1910	18	2
*6	**Royce, Donald**	Michigan	June 25, 1910	18	3
26	Ruddock, Theodore Davis, jr.	South Carolina	June 13, 1910	17	6
17	Samson, Henry Parsons	New York	July 12, 1910	16	2
112	Shears, Karl Rathbun	New York	July 12, 1910	18	9
62	Short, Edwin Thomas	Oregon	July 21, 1910	19	7
103	Slingluff, Thomas Cross	Maryland	July 15, 1910	18	10
28	Spanagel, Herman Adolph	Ohio	June 17, 1910	18	6
139	Starkey, Robert Caldwell	Illinois	July 14, 1910	19	10
149	Stecher, Louis Joseph	Nebraska	June 17, 1910	19	2
147	Steece, Delorimier Mortimer	Minnesota	June 14, 1910	19	6
110	Stengel, Simson Carl	Wisconsin	May 5, 1910	19	1
57	Sterling, Theodore Weld	Missouri	July 12, 1910	18	2
51	Swain, Charles Davis	Massachusetts	July 15, 1910	19	10
22	Tawresey, Alfred Purl Haken	At large	July 12, 1910	16	5
48	Teasley, William Alfred	Georgia	June 30, 1910	19	0
102	Thomas, Frank Pugh	Tennessee	July 12, 1910	18	9
115	Truesdell, Stuart Day	Oklahoma	July 8, 1910	18	8
68	Vaiden, John Langhorne	Alabama	June 14, 1910	17	4

nnual examination, June, 1913—157 members—Continued.

Sea service in practice ships.		Order of merit in—										Number of demerits.	Order of general merit.
Months.	Days.	Ordnance.	Navigation.	Principles of mechanism.	Marine engines and boilers.	Mechanics.	Electrical engineering.	English.	Languages.	Efficiency.	Practice cruise.		
8	4	121	48	99	125	41	88	84	135	53	23	0	76
8	4	31	58	70	24	47	51	61	55	53	46	34	49
8	4	125	74	135	138	158	113	72	60	131	46	32	121
8	4	25	5	3	14	3	9	25	23	67	31	2	*8
8	4	145	154	157	153	133	137	131	130	135	69	65	151
8	5	49	49	48	36	24	38	19	20	33	53	17	30
8	5	107	39	66	102	79	96	54	45	124	31	0	69
8	10	111	136	70	85	116	105	61	50	99	152	80	129
8	10	85	73	33	80	21	40	50	97	49	55	1	43
5	12	141	71	86	90	65	68	35	94	145	161	32	105
8	10	13	74	51	39	36	34	32	13	89	117	0	36
7	29	99	58	55	68	67	55	42	75	5	117	0	54
8	10	42	76	36	59	90	59	72	69	156	156	0	74
7	27	55	41	38	42	32	6	126	67	33	144	75	39
7	28	68	115	68	99	49	85	68	81	20	110	0	78
8	10	68	119	120	90	120	122	54	113	150	125	24	126
8	10	116	65	66	110	63	72	5	11	25	95	42	66
8	10	116	44	80	120	90	29	34	9	30	84	0	50
8	10	55	9	2	9	1	2	4	12	72	121	8	*6
8	10	22	14	40	33	46	23	135	17	93	59	15	26
8	10	54	21	16	31	4	19	13	18	116	100	40	17
8	10	99	125	89	130	108	87	130	136	61	108	0	112
8	10	29	103	22	39	100	74	53	84	82	69	16	62
8	10	152	95	83	134	57	53	104	100	99	136	40	103
8	10	23	39	10	42	15	31	118	92	72	95	0	28
8	9	138	151	152	125	131	130	131	113	8	150	0	139
8	10	147	146	105	150	76	135	146	130	147	160	32	149
8	10	141	147	150	149	132	153	139	111	72	146	0	147
8	10	114	90	80	103	83	102	149	123	142	115	0	110
8	9	47	90	75	59	79	102	17	30	8	19	9	57
7	7	19	52	69	51	34	37	84	63	93	89	17	51
7	29	10	44	40	18	39	18	11	27	42	95	9	22
7	29	47	33	48	28	48	52	42	90	116	121	0	48
5	1	107	119	86	88	76	90	149	142	38	89	9	102
7	29	78	136	99	120	112	117	118	136	93	44	1	115
7	29	129	65	43	54	83	68	81	65	61	136	0	68

Midshipmen of the first class and relative standing at the

Order of general merit.	Names.	Appointed from—	Date of admission.	Age at date of admission.	
				Years.	Months.
63	Vaughan, Robert Louis	Texas	Aug. 16, 1910	17	11
16	Vinson, Thomas Newcome	California	July 13, 1910	18	8
144	Walker, Augustus Willson	Idaho	July 15, 1910	18	11
44	Waller, John Beresford Wynn	At large	July 12, 1910	18	1
137	Washburn, Donald Fairchild	New York	July 12, 1910	18	9
148	Weaver, Philip Rider	Rhode Island	Sept. 2, 1910	19	10
33	Westfall, Theo Dwight	Illinois	June 16, 1910	18	2
35	Wicks, Zeno Waterbury	New York	June 18, 1910	18	6
81	Wills, Arthur Edward	Indiana	July 16, 1910	19	8
41	Wilson, George Barry	Virginia	June 14, 1910	18	2
55	Wilson, Stanley Livingston	Arizona	July 14, 1910	19	7
111	Wiltse, Lloyd Jerome	South Dakota	June 14, 1910	18	9
19	Winslow, John Stevenson	Ohio	June 17, 1910	17	2
152	Worrell, Malcolm Lee	Virginia	July 12, 1910	19	2
120	Wyman, Robert Scott	Maine	July 9, 1910	19	11
73	Yeatman, Philip Williamson	Virginia	May 16, 1910	17	5

nnual examination, June, 1913—157 members—Continued.

Sea service in practice ships.		Order of merit in—										Number of demerits.	Order of general merit.
Months.	Days.	Ordnance.	Navigation.	Principles of mechanism.	Marine engines and boilers.	Mechanics.	Electrical engineering.	English.	Languages.	Efficiency.	Practice cruise.		
8	3	36	99	27	39	137	56	54	124	109	44	0	63
8	4	8	23	12	11	54	11	15	33	33	110	17	16
8	10	139	131	148	138	156	145	104	154	38	152	0	144
8	11	55	52	61	47	67	46	42	27	24	73	1	44
8	10	129	134	95	110	125	127	94	119	124	144	34	137
8	10	154	145	135	147	147	154	84	82	77	136	34	148
8	10	65	17	43	47	16	21	42	58	136	134	17	33
8	10	13	13	46	11	39	41	76	128	112	106	15	35
8	5	34	58	80	54	156	77	3	122	93	110	0	81
8	6	45	58	38	54	65	32	15	41	2	81	51	41
8	3	73	78	75	33	41	71	22	38	42	154	0	55
8	5	107	113	70	93	100	120	84	134	101	142	0	111
8	5	83	17	31	51	19	26	19	7	77	103	9	19
8	5	87	151	155	140	153	151	128	113	67	81	100	152
8	6	99	113	128	114	140	139	153	129	12	73	0	120
8	5	87	41	95	93	67	67	19	48	142	110	17	73

Midshipmen of the second class and relative standing

Order of general merit.	Names.	Appointed from—	Date of admission.	Age at date of admission.	
				Years.	Months.
*1	**Adams, Richard Ranney**	Utah	July 17, 1911	16	7
146	Alexander, William Dennison	Wyoming	July 1, 1911	18	4
147	Armstrong, Daniel Williams	At large	July 3, 1911	18	4
33	Armstrong, Lloyd Van Horn	Tennessee	July 7, 1911	20	0
66	Arnold, Marshall Britt	Missouri	May 11, 1910	18	6
9	Baker, Robert Nicholson Scott.	New Hampshire	June 6, 1911	17	4
95	Barnett, Alan	Ohio	July 7, 1911	19	1
31	Bates, John Frederick, jr.	Pennsylvania	June 22, 1911	18	7
11	Bates, Richard Waller	California	June 21, 1911	19	5
133	Blair, Roswell Hadfield	Wisconsin	July 11, 1911	17	0
*A*o11½	Bodfish, Howes	Massachusetts	June 22, 1911	17	7
51	Bowman, William Hammond	South Carolina	July 24, 1911	16	10
125	Breed, Edward	Pennsylvania	July 3, 1911	17	5
123	Brown, James Potter	Illinois	July 10, 1911	19	5
128	Brown, Thomas Gilbert	Rhode Island	June 16, 1911	19	11
151	Burhen, Raymond	Ohio	June 29, 1911	19	4
63	Burnett, Henry Poynter	Kentucky	May 11, 1911	18	2
136	Burstan, Rupert Mandell	Delaware	June 17, 1911	17	3
60	Burwell, Robert Oswald Burton.	North Carolina	July 7, 1911	16	2
48	Calvert, Norwood Giles	North Carolina	May 10, 1911	16	9
117	Campman, John Henry	Texas	May 12, 1911	19	6
154	Chadwick, Joseph Howard	Massachusetts	Sept. 20, 1911	19	1
†166	Chambers, Irving Reynolds	New York	Sept. 2, 1911	17	8
105	Chandler, Theodore Edson	New Hampshire	July 1, 1911	16	6
59	Chenoweth, Harry Hobbs	Pennsylvania	May 10, 1911	18	7
93	Childs, Earle Wayne Freed	Pennsylvania	July 10, 1911	17	11
127	Chippendale, Burton Whitham.	Massachusetts	July 5, 1911	16	3
156	Christie, Ralph Waldo	Massachusetts	July 15, 1911	17	11
97	Clark, Charles Glover	New Jersey	May 6, 1911	19	5
116	Clark, Henry Schieffelin, jr.	New York	July 31, 1911	18	8
88	Clark, Robert William	New York	July 1, 1911	17	11
70	Clark, Stuart Benson	Illinois	July 5, 1911	16	10
121	Clarke, Horace Donald	Iowa	May 10, 1911	19	0

at the annual examination, June, 1913—190 members.

Sea service in practice ships.		Order of merit in—									Number of demerits.	Order of general merit.
Months.	Days.	Mechanical drawing.	Mechanical processes.	Mathematics.	Physics and chemistry.	Electrical engineering.	English.	Modern languages.	Efficiency.	Practice cruise.		
5	13	167	9	2	7	41	5	2	3	30	5	*1
5	7	49	136	142	174	81	134	137	35	82	0	146
5	13	114	119	141	116	176	105	122	109	84	40	147
5	13	136	51	39	69	41	37	20	155	137	5	33
7	14	11	70	51	51	141	162	158	28	11	25	66
5	13	88	24	7	9	10	20	25	155	142	25	9
5	13	26	85	94	88	57	140	169	18	52	5	95
5	13	4	98	22	13	27	122	159	155	24	95	31
5	7	52	19	6	20	72	45	33	25	34	15	11
5	13	121	84	133	134	129	108	109	31	138	35	115
5	13	69	16	25½	16⅔	129	7½	11½	78	58	20	*Ao*11½
5	13	103	101	31	82	164	70	63	123	148	5	51
5	13	93	114	107	154	23	75	124	172	172	50	125
5	7	142	126	134	47	72	152	132	178	121	25	123
5	13	108	119	143	134	129	93	156	31	9	0	128
5	13	80	95	114	138	10	154	176	188	153	58	151
5	13	69	142	74	98	41	21	46	10	145	0	63
5	13	75	142	112	126	41	78	113	182	197	90	136
5	13	181	142	26	51	41	47	85	78	183	50	60
5	13	134	64	36	59	104	34	14	131	166	130	48
5	13	145	14	123	168	81	52	99	135	175	15	117
5	13	184	170	128	148	141	82	12	116	166	65	154
5	13	1	151	150	180	137	184	173	190	103	30	†166
5	4	69	88	123	126	4	123	38	72	170	20	105
5	13	31	65	64	69	72	41	72	89	98	50	59
5	13	111	26	80	107	111	81	161	64	52	25	93
5	13	88	129	120	158	111	51	104	145	196	15	127
5	13	121	142	170	171	186	76	66	53	142	5	156
5	13	42	51	158	126	90	19	122	67	8	0	97
5	13	26	101	96	160	27	165	35	155	186	75	116
5	13	93	105	91	120	111	86	15	38	159	90	88
5	13	66	19	65	86	111	67	97	104	80	30	70
5	13	128	136	92	98	137	151	156	17	126	30	121

Midshipmen of the second class and relative standing

Order of general merit.	Names.	Appointed from—	Date of admission.	Age at date of admission.	
				Years.	Months.
157	Collins, David McLernon	Massachusetts	May 9, 1911	18	0
87	Confer, Walter John	Ohio	May 9, 1911	18	2
185	Cooper, Merian Coldwell	Florida	July 6, 1911	17	8
23	Culbert, Frederick Paul	New Jersey	July 6, 1911	18	1
76	Dalton, Donald MacLean	Iowa	May 6, 1911	17	8
106	Darrow, Robert Turner	Connecticut	June 17, 1911	18	9
14	Davis, Arthur Cayley	Nebraska	July 8, 1911	18	4
173	Davis, John Tracy	Missouri	June 24, 1911	19	6
181	Deets, Samuel Russel	Maryland	May 6, 1911	19	11
43	Delpino, Julius Caesar	Pennsylvania	July 17, 1911	16	9
90	del Valle, Pedro Augusto	Porto Rico	June 17, 1911	17	10
20	de Roode, Louis Remsen	New York	Aug. 17, 1911	19	0
122	Dobyns, George Berry	Nevada	Aug. 23, 1911	18	2
168	Dollarhide, Erskine Simpson	Arkansas	July 3, 1911	20	0
91	Dupre, Dallas Daisy	Texas	Sept. 1, 1911	18	5
36	Easton, Glenn Herman	Michigan	June 17, 1911	18	3
40	Eldredge, Hugh Gwynne	Tennessee	July 7, 1911	16	11
137	Farnsworth, John Semer	Ohio	June 30, 1911	17	11
107	Farrar, Robert Morse	North Dakota	July 13, 1911	16	10
110	Field, John Morris, jr	At large	July 1, 1911	18	3
178	Fisher, Hilbert Adam	North Carolina	June 21, 1911	19	5
100	Flynn, Cornelius William	New Jersey	June 19, 1911	18	5
129	Fortson, Robert Malcolm	Georgia	July 8, 1911	19	11
53	French, Fred G	Ohio	May 10, 1911	17	8
77	Friend, Thomas Henry Holt	West Virginia	July 8, 1911	18	8
163	Gamble, Millard Gobert, jr	Georgia	July 7, 1911	17	1
44	Glann, Arthur Edward	New York	Sept. 13, 1911	18	5
34	Glennon, Philip Thompson	New York	May 10, 1911	17	3
37	Glover, Robert Ogden	Georgia	June 17, 1911	16	11
22	Godfrey, Vincent Hubbard	Massachusetts	Aug. 14, 1911	16	10
114	Graf, Homer William	Iowa	June 20, 1911	17	4
98	Graham, Ivan Montrose	Hawaii	June 13, 1911	16	0
79	Granat, William	California	June 17, 1911	18	7
176	Grimm, Henry Ford, jr	New York	Sept. 1, 1911	19	6
67	Grove, George Wilson	New Jersey	July 8, 1911	16	10
172	Hactor, William Sandwood	Missouri	May 19, 1911	19	2

at the annual examination, June, 1913—190 members—Continued.

Sea service in practice ships.		Order of merit in—									Number of demerits.	Order of general merit.
Months.	Days.	Mechanical drawing.	Mechanical processes.	Mathematics.	Physics and chemistry.	Electrical engineering.	English.	Modern languages.	Efficiency.	Practice cruise.		
3	29	60	153	167	162	174	115	97	139	71	5	157
5	13	46	70	95	116	184	108	65	14	24	0	87
5	13	193	185	186	175	141	123	171	150	191	50	185
5	13	102	65	30	16	27	32	41	116	52	40	23
5	13	31	51	79	59	81	136	130	72	44	15	76
5	13	177	168	129	77	148	18	52	8	112	20	106
5	13	66	1	99	4	54	2	28	12	24	0	14
5	13	153	126	178	141	170	111	149	116	142	113	173
5	7	131	119	170	177	164	170	183	155	124	105	181
5	13	60	85	17	109	41	137	32	173	152	15	43
5	13	145	160	117	133	154	83	1	150	161	90	90
5	7	124	30	14	24	129	23	48	116	20	5	20
4	16	153	98	139	69	164	83	119	166	92	25	122
5	13	159	155	152	156	161	139	109	150	190	25	168
5	13	184	129	102	62	37	68	61	155	107	0	91
5	13	131	70	48	33	4	47	43	38	71	0	36
5	13	165	81	50	65	90	13	12	48	92	40	40
5	13	66	135	105	150	27	130	142	186	106	65	137
5	13	26	67	119	126	37	125	71	35	75	55	107
5	13	142	113	110	116	90	64	53	139	187	25	110
5	13	186	180	166	179	159	172	171	99	107	5	178
5	13	55	105	92	109	176	37	121	166	126	20	100
5	13	12	22	127	125	154	145	173	60	66	95	129
5	13	18	81	28	54	111	146	68	128	90	105	53
5	13	60	32	81	59	141	41	88	94	155	65	77
5	13	150	164	156	145	72	131	160	99	117	25	163
5	13	80	18	18	87	81	110	115	99	110	20	44
5	13	88	32	67	16	27	52	44	67	80	25	34
5	13	55	70	47	34	66	119	29	2	92	5	37
3	19	93	30	27	58	90	47	7	104	121	30	22
5	13	31	142	137	91	111	113	140	22	31	5	114
5	13	43	70	83	103	57	90	161	176	112	30	98
4	29	41	101	71	53	111	148	80	72	148	0	79
2	23	158	160	174	166	164	162	178	145	175	25	176
5	13	80	44	77	72	72	40	61	48	117	40	67
5	13	21	174	163	168	176	181	179	109	155	50	172

Midshipmen of the second class and relative standing

Order of general merit.	Names.	Appointed from—	Date of admission.	Age at date of admission.	
				Years.	Months.
85	Harrison, Homer Howard Hobson.	Illinois	July 12, 1911	17	0
129	Hatch, Alexander Gilchrist	California	May 11, 1911	18	5
68	Hazlett, Edward Everett, jr	Kansas	July 5, 1911	19	4
104	Henning, Elmer Richard	Dist. of Columbia	July 7, 1911	19	9
8	Hicks, Walter Alexander	Alabama	June 17, 1911	18	7
75	Hill, George Chaffee	Dist. of Columbia	July 7, 1911	17	5
115	Hoops, Lyman Blair	Connecticut	May 12, 1911	18	10
38	Horn, Roy de Saussure	Georgia	July 8, 1911	17	5
179	Hough, Elmer Byron	West Virginia	June 30, 1911	17	10
134	Howard, Archie Franklin	Kansas	July 5, 1911	19	5
153	Hunter, Harold O'Driscoll	Georgia	July 5, 1911	16	4
50	Huntoon, Frank Campbell	Illinois	June 17, 1911	18	5
165	Hutchinson, Myron Wells	North Dakota	July 5, 1911	18	6
72	Isaacs, Edouard Victor Michael.	Illinois	May 6, 1911	19	5
81	Jenkins, Samuel Power	Missouri	July 5, 1911	18	1
89	Jondreau, Romeo Joseph	Iowa	July 7, 1911	19	4
26	Kell, Claude Owen	Alaska	July 10, 1911	18	11
109	Kiely, Ralph	New York	May 12, 1911	20	0
132	King, Archer Emmet	Virginia	May 9, 1911	17	8
10	Kinne, Merrill Talmage	New York	July 6, 1911	17	3
171	Kirby, Leonard, jr	New Jersey	July 7, 1911	18	5
93	Kneip, John Boniface	Minnesota	May 18, 1911	20	0
159	Kriner, George Cascaden	Pennsylvania	July 6, 1911	17	1
177	Kyle, James Roland, jr	Virginia	Aug. 18, 1911	19	5
49	Laferty, Paul Gause	Ohio	June 29, 1911	19	6
56	Lamont, George Peter	California	June 24, 1911	19	5
186	Landis, Arthur	North Carolina	May 9, 1911	18	5
120	Lein, Conrad Ludwig	Minnesota	May 12, 1911	19	11
103	Leonard, Nelson Jackson	Indiana	May 6, 1911	19	4
150	Lewis, Chester E	Ohio	Aug. 10, 1911	19	1
141	Lewis, James Mackey	Texas	July 18, 1911	18	4
13	Lewis, Leverett Shepherd	New York	June 20, 1911	18	11
119	Libenow, Forrest Knox	Washington	May 12, 1911	20	0
143	Lonergan, Simon Joseph	Nebraska	July 6, 1911	18	1

at the annual examination, June, 1913—190 members—Continued.

Sea service in practice ships.		Order of merit in—									Number of demerits.	Order of general merit.
Months.	Days.	Mechanical drawing.	Mechanical processes.	Mathematics.	Physics and chemistry.	Electrical engineering.	English.	Modern languages.	Efficiency.	Practice cruise.		
5	7	31	119	75	94	182	28	168	78	92	5	85
5	13	167	148	131	114	104	135	53	104	129	15	129
5	13	80	44	100	73	111	16	76	94	163	0	68
5	13	25	136	111	46	111	118	143	78	134	25	104
5	13	69	2	25	2	10	26	83	7	2	0	8
5	13	38	59	100	65	104	94	108	48	7	15	75
5	13	75	75	63	126	72	180	96	179	112	80	115
5	13	131	11	59	37	27	6	58	189	146	5	38
5	13	179	164	168	160	141	182	169	116	163	50	179
5	13	77	119	112	112	111	168	180	139	107	0	134
5	13	136	164	131	162	161	104	135	15	61	5	153
4	12	5	59	72	77	154	22	139	38	32	15	50
5	13	49	176	151	124	148	185	126	78	187	20	165
5	13	100	51	136	109	174	10	19	28	49	0	72
5	13	60	133	38	81	81	168	161	109	112	25	81
5	13	111	36	109	65	137	76	81	176	148	25	89
5	13	97	55	12	26	90	137	59	94	37	0	26
5	13	150	179	88	41	81	128	127	138	168	5	109
5	13	136	105	147	96	90	97	118	60	84	40	132
5	13	26	11	19	10	10	7	39	99	41	25	10
5	13	158	93	182	166	129	143	153	185	14	80	171
5	13	69	37	128	89	57	69	148	171	34	0	93
5	7	97	164	114	175	183	173	115	38	110	0	159
5	13	171	180	148	162	161	179	177	169	177	25	177
5	13	22	40	87	31	111	57	111	9	61	0	49
5	13	52	114	58	82	10	95	51	78	61	0	56
5	13	103	174	169	181	164	187	140	123	153	170	186
5	13	69	47	126	146	27	158	86	173	44	30	120
5	13	7	84	134	123	104	127	106	53	52	0	103
5	13	167	178	76	148	154	149	165	18	129	0	150
5	13	188	75	137	101	154	71	145	116	170	5	141
4	15	86	10	9	25	10	66	45	72	32	5	13
5	13	88	55	145	77	170	140	102	155	84	15	119
5	13	188	105	97	68	27	153	145	139	173	100	143

Midshipmen of the second class and relative standing

Order of general merit.	Names.	Appointed from—	Date of admission.	Age at date of admission.	
				Years.	Months.
73	Lorenz, William Joseph	Pennsylvania	July 8, 1911	18	3
118	Low, Francis Stuart	Massachusetts	July 7, 1911	16	11
61	Lusk, John Clifton	Nevada	June 15, 1911	18	5
183	McCaffrey, Florence Aloysius	Indiana	Aug. 10, 1911	20	0
69	McCoach, Edwin Stuart	Pennsylvania	May 22, 1911	17	2
*2	**McCormick, Lynde Dupuy**	At large	Aug. 12, 1911	16	0
108	McCrea, John Livingston	Michigan	May 10, 1911	19	11
162	Maher, James Edward	Pennsylvania	June 23, 1911	18	8
149	Maher, Stuart Augustine	Connecticut	July 17, 1911	19	0
135	Mahoney, John Joseph	Massachusetts	July 12, 1911	19	10
102	Mail, Francis Marlin, jr.	Indiana	July 5, 1911	19	6
11	Manly, John McCabe	Ohio	July 5, 1911	17	8
151	Marshall, Preston	New York	July 5, 1911	18	0
61	Matteson, Stephen Hubert	Minnesota	June 19, 1911	19	6
174	Meyers, Harold Milton	Pennsylvania	June 23, 1911	18	7
148	Miller, Marcus Clifford	At large	July 6, 1911	16	8
30	Minnis, John Andrew	Alabama	June 8, 1911	20	0
6	Mitchell, Ralph Johnson	Connecticut	June 17, 1911	19	9
16	Moore, Louis Robert	Illinois	June 22, 1911	18	8
74	Morgan, Philip Clark	Connecticut	June 17, 1911	17	3
*4	**Nelson, Ralph McKinley, jr.**	New York	June 24, 1911	16	0
25	Nelson, William	Minnesota	Sept. 2, 1911	18	3
71	Nimitz, Otto	Texas	Aug. 4, 1911	18	4
64	Nunnally, William Josiah	Georgia	July 7, 1911	19	7
Ac 169½	O'Neill, Owen Eugene	New York	July 13, 1911	19	5
39	Osborn, Charles Francis	Missouri	June 20, 1911	19	8
144	Overesch, Harvey Edward	Indiana	July 8, 1911	18	6
84	Paddock, Hubert Esterly	Michigan	July 11, 1911	19	3
145	Parkinson, Robert Moody	Idaho	July 7, 1911	19	4
27	Partello, Melville Cochran	At large	July 6, 1911	18	4
82	Peck, De Witt	New York	July 11, 1911	17	1
20	Pennoyer, Frederick William, jr.	New Jersey	Aug. 9, 1911	18	9
42	Perry, Benjamin Franklin	Ohio	June 21, 1911	18	1
111	Peyton, Thomas Green	West Virginia	Aug. 21, 1911	17	7
113	Pigman, Nathaniel Moore	Kansas	June 17, 1911	19	1

at the annual examination, June, 1913—190 members—Continued.

Sea service in practice ships.		Order of merit in—									Number of demerits.	Order of general merit.
Months.	Days.	Mechanical drawing.	Mechanical processes.	Mathematics.	Physics and chemistry.	Electrical engineering.	English.	Modern languages.	Efficiency.	Practice cruise.		
5	11	93	129	46	96	66	129	79	67	27	5	73
5	13	145	40	130	142	54	99	138	27	41	0	118
5	13	103	55	66	49	90	83	22	162	61	90	61
5	13	186	183	98	184	170	177	147	180	195	160	183
5	13	38	170	21	82	90	183	95	104	37	15	69
5	13	13	4	3	15	66	11	11	31	18	0	*2
5	13	128	88	103	54	176	97	166	38	27	15	108
5	13	153	105	172	150	129	58	113	116	187	65	162
5	13	165	160	88	116	148	117	82	187	193	80	149
5	13	2	93	176	173	90	116	181	72	44	0	135
5	13	115	95	82	92	159	99	115	15	66	20	102
5	13	86	14	24	11	54	41	31	109	10	0	11
5	13	174	180	140	121	90	60	57	182	183	40	151
5	13	164	88	121	29	10	30	30	128	66	5	61
5	9	153	177	105	158	104	146	151	162	180	165	174
5	13	175	157	163	103	90	91	91	173	92	5	148
5	13	181	32	70	18	10	4	23	64	92	15	30
5	7	10	26	11	23	41	39	4	131	50	15	6
5	13	66	26	22	26	57	47	21	31	39	0	16
5	13	134	136	43	34	176	114	102	184	41	40	74
5	13	15	5	1	6	10	71	55	53	141	5	*4
5	13	24	62	13	44	41	132	42	123	58	0	25
5	13	15	55	90	93	10	80	136	12	22	15	71
5	13	124	160	45	47	111	87	94	64	14	10	64
5	13	190	176	130	177	190	70	124	136	160	15	*Ac* 169½
5	13	170	16	37	20	41	92	66	18	13	45	39
5	7	171	88	187	103	170	58	60	123	11	50	144
5	13	80	98	69	101	37	156	89	89	27	0	84
5	13	103	152	149	170	141	87	100	5	75	15	145
5	13	17	59	49	32	104	54	49	48	4	5	27
5	13	9	67	84	107	111	79	167	38	44	15	82
5	13	46	62	10	12	4	105	83	131	126	55	20
5	13	13	47	33	77	72	120	92	89	18	0	42
5	13	111	129	123	142	81	24	111	38	148	0	111
5	13	181	105	161	106	104	63	37	22	22	0	113

Midshipmen of the second class and relative standing

Order of general merit.	Names.	Appointed from—	Date of admission.	Age at date of admission.	
				Years.	Months.
24	Pike, Winfred Henry Asa, jr.	Nevada	June 23, 1911	17	1
15	Portz, Warner Philip	Ohio	June 21, 1911	19	6
35	Powers, Melville William	New York	Sept. 1, 1911	19	3
139	Preas, Ralph Akard	Tennessee	May 11, 1911	19	7
45	Preston, Kendall	Colorado	Aug. 29, 1911	17	4
126	Quynn, Allen George	Maryland	July 10, 1911	17	1
r 38½	Ramsey, Hobart Cole	New Jersey	June 12, 1911	19	11
182	Ray, John Stites	New York	June 24, 1911	17	5
46	Rhea, Powell McClellan	Arkansas	June 22, 1911	19	10
124	Richards, Frderick Gore	Maine	June 16, 1910	17	8
140	Richardson, Clifford Geer	Connecticut	July 8, 1911	19	6
131	Ring, Morton Loomis	New York	Sept. 5, 1911	17	5
Ao 9½	Ritchie, Oliver Henderson	Utah	Aug. 5, 1911	16	10
52	Rockwell, John Hobart	New York	June 21, 1911	16	11
95	Rockwell, Stephen Geiger	Ohio	July 7, 1911	19	11
138	Royal, Forrest Betton	New York	Aug. 14, 1911	18	6
142	Schlossbach, Isaac	New Jersey	July 17, 1911	19	11
47	Scott, Leon Buford	South Carolina	June 22, 1911	18	6
160	Shelley, Tully	Virginia	July 10, 1911	18	10
19	Shoemaker, James Marshall	Montana	July 25, 1911	16	0
7	Shofner, Wesley Jackson	California	June 15, 1911	18	3
58	Shumaker, Samuel Robert	Pennsylvania	July 7, 1911	16	9
32	Small, John Davis	Arkansas	July 6, 1911	17	9
99	Smith, Allan Edward	Michigan	July 6, 1911	19	6
54	Smith, Finney Bascom	Oklahoma	June 8, 1911	20	0
169	Snelling, William Morton	Georgia	May 9, 1911	18	8
*4	**Sperry, Mark Leavenworth, jr.**	Connecticut	May 12, 1911	17	6
164	Sprague, Jonathan Henry	Michigan	May 6, 1911	19	0
92	Spriggs, Morris Homer	Ohio	Aug. 8, 1911	19	4
175	Stedman, Lewis Leiper	Washington	July 5, 1911	16	4
†184	Stephan, Albert Ralph	Idaho	June 17, 1911	18	11
18	Struble, Arthur Dewey	Oregon	July 10, 1911	17	0
101	Thomas, Armit Chester	Pennsylvania	May 7, 1910	18	0
155	Thomas, William Daniel	Tennessee	June 22, 1911	17	3
41	Tisdale, Ryland Dillard	Maryland	July 7, 1911	16	8

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Sea service in practice ships.		Order of merit in—									Number of demerits.	Order of general merit.
Months.	Days.	Mechanical drawing.	Mechanical processes.	Mathematics.	Physics and chemistry.	Electrical engineering.	English.	Modern languages.	Efficiency.	Practice cruise.		
5	13	6	22	41	62	27	12	73	162	103	0	24
5	13	60	75	20	19	37	8	17	150	84	15	15
5	13	38	26	55	62	57	61	24	94	121	0	35
5	13	18	32	159	142	90	158	106	181	20	90	139
5	13	158	75	16	41	90	99	70	53	103	50	45
5	13	136	149	160	134	41	31	93	109	138	10	126
3	1	3	114	41	98	184	14	90	48	1	0	r38½
5	2	179	185	174	186	72	174	120	166	181	50	182
5	13	117	67	44	43	57	35	154	38	75	0	46
5	13	110	155	176	171	111	112	10	67	66	20	124
5	13	22	47	183	146	164	96	175	38	34	0	140
5	13	171	153	165	132	111	29	36	22	185	25	131
5	13	108	47	14½	16⅓	1	62½	3	123	120	0	*Ao* 9½
5	13	136	114	52	54	10	36	69	139	134	5	52
5	13	158	173	61	73	186	17	63	78	191	55	95
5	13	97	40	173	121	41	149	125	99	75	35	138
5	13	192	126	104	94	27	167	100	128	98	50	142
5	13	121	85	56	45	57	89	27	10	44	20	47
5	13	55	136	181	154	148	144	50	109	112	70	160
5	13	55	19	62	37	10	3	8	104	58	20	19
5	13	46	24	5	3	4	26	56	38	66	15	7
5	13	26	119	52	76	41	102	77	67	52	25	58
5	13	18	2	72	26	41	9	77	25	98	85	32
5	13	115	105	85	115	111	56	130	18	90	15	99
5	7	103	17	108	39	23	55	105	5	5	0	54
5	13	88	119	143	178	111	176	187	78	84	55	169
5	13	142	13	4	5	1	15	9	78	5	0	*4
5	13	124	157	157	138	66	161	152	145	194	0	164
5	13	49	101	88	54	81	178	74	162	129	20	92
5	13	31	187	118	183	176	175	186	109	146	65	175
5	13	150	184	184	185	111	171	184	136	134	40	184
5	13	52	8	31	7	1	65	132	150	84	5	18
5	13	7	142	57	131	23	160	164	53	181	50	101
5	13	158	157	154	152	57	133	143	35	75	0	155
5	13	117	105	68	30	4	41	16	60	65	25	41

Midshipmen of the second class and relative standing

Order of general merit.	Names.	Appointed from—	Date of admission.	Age at date of admission.	
				Years.	Months.
*3	**Tovey, Henry Oliver**	Illinois	June 17, 1911	19	5
83	Umsted, Scott	Pennsylvania	May 11, 1911	19	0
29	Vickery, Howard Leroy	Ohio	May 10, 1911	19	1
158	Vickrey, Claude Claire	Kansas	May 12, 1911	18	5
80	Wagner, Frank Dechant	Pennsylvania	July 7, 1911	17	11
55	Walker, Myron Joseph	Iowa	June 20, 1911	18	10
170	Watson, Dewitt Chapin	Michigan	June 29, 1911	19	3
180	Wedderburn, Charles Foster	Maryland	July 7, 1911	18	9
57	Wiley, Herbert Victor	Missouri	May 10, 1911	20	0
112	Winslow, Winthrop	Maine	June 19, 1911	18	5
78	Withers, Noble	Nevada	Sept. 9, 1911	16	0
28	Wood, Gerald Hadden	New York	June 19, 1911	17	9
167	Wood, Leighton	Alabama	July 8, 1911	18	7
86	Wotherspoon, Alexander Somerville.	New York	July 7, 1911	18	7
161	Wright, Raymond Race	Nebraska	July 8, 1911	19	5
65	Wurtele, Allan Ramsey	Minnesota	July 11, 1911	17	9
17	Wynne, Walter Moakler Anthony.	New York	June 20, 1911	17	6

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Sea service in practice ships.		Order of merit in—									Number of demerits.	Order of general merit.
Months.	Days.	Mechanical drawing.	Mechanical processes.	Mathematics.	Physics and chemistry.	Electrical engineering.	English.	Modern languages.	Efficiency.	Practice cruise.		
5	13	43	6	34	1	72	1	6	1	14	5	*3
5	13	43	172	40	134	10	165	128	28	98	0	83
5	13	80	44	15	14	127	157	128	139	129	15	29
5	13	162	81	121	153	66	186	154	94	161	0	158
5	13	77	75	78	90	57	62	40	78	40	100	80
5	13	60	95	35	34	66	162	134	78	82	20	55
5	13	117	168	180	156	141	102	181	72	129	55	170
5	13	177	149	155	181	90	142	149	134	178	135	180
5	13	31	37	114	49	4	32	87	145	14	0	57
5	7	136	40	153	112	148	73	75	53	71	0	112
5	13	31	88	59	73	129	120	18	169	117	150	78
5	13	77	37	29	85	23	46	34	60	138	15	28
5	13	100	136	185	162	186	25	184	53	163	15	167
5	13	128	47	146	98	81	74	47	3	3	0	86
5	13	163	75	162	138	137	125	188	89	178	0	161
5	13	175	133	54	39	129	105	25	145	168	0	65
5	13	55	114	8	20	148	155	5	89	155	30	17

Midshipmen of the third class and relative standing at the

Order of general merit.	Names.	Appointed from—	Date of admission.
33	Alexander, Boyd Rufus	Alabama	June 18, 1912
92	Alger, Montgomery Meigs	Massachusetts	July 5, 1912
17	Awtrey, Robert Adair	Georgia	July 12, 1912
82	Bacon, William Palmer	Ohio	July 31, 1912
29	Bagby, Lew Wallace	Missouri	July 16, 1912
71	Baker, Charles Adams	Virginia	July 9, 1912
118	Ballou, Luther Byron	Kansas	June 12, 1912
68	Bateman, Arnold Hannington	Montana	June 14, 1912
49	Baugh, Harry Van Cleve	Indiana	July 5, 1912
107	Beatty, Frank Edmund, jr	Minnesota	June 15, 1912
156	Benson, Francis Wyse	South Carolina	June 11, 1912
8	Berkey, Russell Stanley	Indiana	June 11, 1912
131	Berwind, Charles Graham	Pennsylvania	July 9, 1912
135	Betts, James Emmet	Iowa	June 17, 1912
44	Blackburn, Casper Kimberlin	Nebraska	July 8, 1912
83	Bloom, John Melbourne	Michigan	Aug. 5, 1912
24	Bogan, Gerald Francis	Illinois	June 15, 1912
91	Borden, Walter Eugene, jr	North Carolina	June 17, 1912
*2	**Bourne, Robert Cushman**	Massachusetts	June 14, 1912
121	Boyer, William Francis	Missouri	June 15, 1912
60	Braine, Clinton Elgin, jr	New York	July 2, 1912
48	Brewster, George Platt, jr	Colorado	Aug. 1, 1912
110	Briggs, Glen William	Wisconsin	July 11, 1912
35	Broadfoot, Henry Bryan	North Carolina	July 10, 1912
127	Brown, Leon Frederick	Connecticut	June 11, 1912
30	Bunnell, Gilbert Franklin	New York	June 11, 1912
151	Burhans, Arthur Daniel	Michigan	July 23, 1922
53	Carlson, Milton Oren	Oregon	June 18, 1912
84	Carney, Robert Bostwick	At large	July 12, 1912
88	Carpenter, Donald Marshall	Pennsylvania	July 12, 1912
148	Carr, T. De Witt	West Virginia	June 18, 1912
123	Carrington, Walter Spottswood	South Carolina	June 11, 1912
164	Carson, John Hazard	South Carolina	July 12, 1912
45	Casey, William Rossiter	New York	July 10, 1912
81	Cauldwell, Oscar Ray	Indiana	Aug. 1, 1912
112	Cecil, Charles Purcell	Kentucky	July 9, 1912
165	Chapline, George Frederick	Nebraska	July 6, 1912

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Age at date of admission.		Sea service in practice ships.		Order of merit in—				Number of demerits.	Order of general merit.
Years.	Months.	Months.	Days.	Mechanical drawing.	Mathematics.	English.	Modern languages.		
18	8	2	21	112	18	37	50	.....	33
16	9	2	21	115	73	123	62	.....	92
16	7	2	21	49	19	21	32	.....	17
18	2	2	21	73	95	39	130	.....	82
17	5	2	21	23	102	20	18	.....	29
18	10	2	21	98	123	51	34	.....	71
19	0	2	21	33	142	89	170	.....	118
18	4	2	21	180	35	31	89	.....	68
19	2	2	21	73	24	110	62	.....	49
18	0	2	21	42	109	119	133	.....	107
17	2	2	21	151	128	184	110	.....	156
18	10	2	21	3	1	58	77	.....	8
17	9	2	21	29	115	179	168	.....	131
19	10	2	21	63	155	158	89	.....	135
19	9	2	21	202	49	16	20	.....	44
19	4	2	21	118	39	76	147	.....	83
17	11	2	21	31	33	28	44	.....	24
17	7	2	21	164	68	95	55	.....	91
17	11	2	21	38	7	1	9	.....	*2
19	1	2	21	140	121	68	127	.....	121
17	7	2	21	138	28	99	55	.....	60
19	4	2	21	97	16	103	121	.....	48
18	9	2	21	184	98	61	80	.....	110
18	10	2	21	96	26	29	68	.....	35
18	2	2	21	133	130	84	121	.....	127
19	5	2	21	80	48	27	21	.....	30
17	9	2	21	121	135	147	160	.....	151
17	5	2	21	39	95	46	58	.....	53
17	4	2	21	27	166	52	71	.....	84
18	4	2	21	28	137	39	149	.....	88
18	6	2	21	134	131	170	117	.....	148
18	10	2	21	184	157	86	30	.....	123
16	3	2	21	130	138	153	166	.....	164
19	6	2	21	43	38	113	47	.....	45
19	11	2	21	198	44	61	57	.....	81
18	10	2	21	30	101	156	151	.....	112
18	0	2	21	73	149	178	175	.....	165

Midshipmen of the third class and relative standing at the

Order of general merit.	Names.	Appointed from—	Date of admission.
102	Claghorn, Richard Raymond	Washington	June 11, 1912
170	Cochrane, Edwin Fridley	North Dakota	June 11, 1912
166	Cole, Maxwell	New York	July 6, 1912
197	Compton, James Percival	Connecticut	July 8, 1912
174	Cooper, Lowell	Georgia	July 5, 1912
115	Cooper, Thomas Valentine	Pennsylvania	July 9, 1912
140	Cowles, Walter Bull	Hawaii	June 14, 1912
171	Cowley, Paul Robert	Massachusetts	June 13, 1912
89	Craig, Carlyle	North Carolina	July 5, 1912
28	Craven, Frederick Barnard	At large	July 18, 1912
23	Dague, Byron Scott	Illinois	June 14, 1912
br 196	Dailey, John Eugene	Indiana	June 11, 1912
181	Davidson, George Drummond	Louisiana	June 11, 1912
206	Davis, James Kepler	Pennsylvania	June 12, 1912
13	Davison, Ralph Eugene	Missouri	June 24, 1912
46	Dudley, Sidney Everett	Wyoming	July 23, 1912
109	Duke, William Eskridge	Virginia	Aug. 1, 1912
203	Durant, Armand	Georgia	July 19, 1912
161	Durgin, Calvin Thornton	New Jersey	July 6, 1912
7	Earle, Norman Pearce	Illinois	July 12, 1912
158	Earnhardt, Edwin Shell	North Carolina	July 22, 1912
10	Emerson, Arthur Tenney	Massachusetts	June 15, 1912
79	Erickson, Oscar William	Oklahoma	June 18, 1912
116	Ericsson, Edward Lewis	New York	June 17, 1912
182	Evans, Chaplin Eppes	Virginia	June 11, 1912
173	Failing, Rollin Van Alstine	Michigan	July 9, 1912
125	Fallon, Henry Netterville	Pennsylvania	July 8, 1912
11	Fechteler, William Morrow	At large	July 16, 1912
90	Feineman, Wilbur William	Missouri	July 12, 1912
64	Fiske, Leon Sangster	Maine	June 21, 1912
108	Flood, Bruce Pepper	California	Aug. 5, 1912
hr 213	Foley, Francis Cornelius	Kansas	July 10, 1912
71	Forrestel, William John	New York	Aug. 13, 1912
65	Fraser, Archibald Eliot	New Jersey	June 12, 1912
178	Fuller, Edward Canfield	Michigan	July 12, 1912
46	Furey, Bartley Gregory	New York	June 18, 1912
51	Gates, Nelson Nelles	At large	July 6, 1912

annual examination, June, 1913—214 members—Continued.

Age at date of admission.		Sea service in practice ships.		Order of merit in—				Number of demerits.	Order of general merit.
Years.	Months.	Months.	Days.	Mechanical drawing.	Mathematics.	English.	Modern languages.		
16	9	2	21	98	107	123	62	.....	102
19	11	2	21	180	169	176	88	.....	170
16	6	2	21	69	150	200	158	.....	166
16	7	2	21	194	177	197	185	.....	197
16	11	2	21	154	181	181	100	.....	174
19	7	2	21	106	80	126	145	.....	115
18	10	2	21	80	153	162	84	.....	140
19	9	2	21	200	174	192	45	.....	171
19	8	2	21	101	54	159	67	.....	89
17	7	2	21	2	31	138	52	.....	28
18	2	2	15	46	31	13	49	.....	23
18	2	2	21	146	208	144	191	.....	*br* 196
18	8	2	21	186	184	131	146	.....	181
18	0	2	21	209	204	157	182	.....	206
16	9	2	21	6	61	3	41	.....	13
20	0	2	21	9	47	83	155	.....	46
19	5	2	21	125	114	42	148	.....	109
17	2	2	21	172	189	202	207	.....	208
19	7	2	21	151	110	187	149	.....	161
17	6	2	21	12	5	14	43	.....	7
17	1	2	21	140	140	136	160	.....	158
18	6	2	21	12	65	8	5	.....	10
16	4	2	21	139	63	34	112	.....	79
19	11	2	21	103	92	72	187	.....	116
18	4	2	21	110	201	190	117	.....	182
18	7	2	21	87	157	203	182	.....	173
16	11	2	21	148	88	139	83	.....	125
16	4	2	21	17	12	36	38	.....	11
19	5	2	21	68	116	65	96	.....	90
17	10	2	21	87	53	88	74	.....	64
17	8	2	21	146	106	64	101	.....	108
17	2	0	00	213	213	166	140	.....	*hr* 213
17	9	2	17	108	71	74	66	.....	71
18	3	2	21	83	79	46	77	.....	65
18	10	2	21	188	164	169	128	.....	178
18	6	2	21	61	73	19	80	.....	46
16	5	2	21	41	156	24	14	.....	51

Midshipmen of the third class and relative standing at the

Order of general merit.	Names.	Appointed from—	Date of admission.
67	Geisenhoff, Arthur Cooper	New York	July 10, 1912
70	Gibson, Monty Edward	New York	July 8, 1912
186	Gill, Charles Cooper	Tennessee	June 18, 1912
188	Gilliam, Charles Thaddeus	Texas	Aug. 1, 1912
99	Ginder, Samuel Paul	Pennsylvania	July 8, 1912
39	Glutting, Paul Rolland	Indiana	June 17, 1912
101	Goen, Paul Swigart	Iowa	July 11, 1912
128	Grassie, Herbert John	Massachusetts	July 15, 1912
69	Gregory, Joseph Wesley	New York	July 10, 1912
87	Grosskopf, Homer Louis	Minnesota	July 11, 1912
58	Halpine, Charles Greham	New York	July 6, 1912
73	Hamill, Carroll William	Texas	July 11, 1912
104	Hamilton, Stuart Adams	Connecticut	June 11, 1912
12	Hardison, Osborne Bennett	North Carolina	June 11, 1912
144	Havill, Clinton Hunter	Ohio	June 20, 1912
66	Hawthorne, William Gillman	Illinois	June 11, 1912
163	Heath, William Shannon	South Carolina	June 18, 1912
hr 212	Hendley, Thomas Bentley	Tennessee	July 9, 1912
207	Herndon, Linton	Oklahoma	July 8, 1912
†168	Hilton, Carl Holber	New Mexico	July 6, 1912
209	Hinton, John	Missouri	July 9, 1912
19	Hitchcock, Russell Snow	Massachusetts	June 12, 1912
98	Holcombe, Benjamin Royall	New York	June 11, 1912
†179	Holmes, Maurice Gardner	Mississippi	July 15, 1912
187	Hoover, Gilbert Corwin	Ohio	June 17, 1912
*5	**Horne, Harold Matthews**	Michigan	June 11, 1912
*1	**Hussey, George Frederick, jr**	Massachusetts	June 15, 1912
119	Jacobsen, Arnold Windom	Iowa	June 11, 1912
149	Jefferis, Leslie Vance	New York	June 14, 1912
146	Jenkins, Bernard Folsom	New Hampshire	Sept. 7, 1912
182	Jenkins, Earle Herndon	Virginia	July 6, 1912
199	Jones, Herbert Sidney	New York	July 11, 1912
167	Jones, Richard Howard	West Virginia	July 10, 1912
169	Jones, Roy Kehlor	Oklahoma	July 6, 1912
27	Joy, Charles Turner	Illinois	July 6, 1912
22	Kalk, Stanton Frederick	Nebraska	July 13, 1912
92	Keady, William Leo	New York	July 22, 1912

annual examination, June, 1913—214 members—Continued.

Age at date of admission.		Sea service in practice ships.		Order of merit in—				Number of demerits.	Order of general merit.
Years.	Months.	Months.	Days.	Mechanical drawing.	Mathematics.	English.	Modern languages.		
18	11	2	21	49	71	65	108	.....	67
17	11	2	21	103	105	78	31	.....	70
18	3	2	21	177	168	130	204	.....	186
18	5	2	21	170	184	187	121	.....	188
17	5	2	21	43	56	173	151	.....	99
18	6	2	21	61	22	82	84	.....	39
18	3	2	15	87	90	98	130	.....	101
17	6	2	21	191	122	139	27	.....	128
17	4	2	21	22	116	105	52	.....	69
20	0	2	21	39	84	117	117	.....	87
19	2	2	21	71	147	74	10	.....	58
19	10	2	21	92	81	63	76	.....	73
19	2	2	21	154	144	94	22	.....	104
19	6	2	21	76	11	11	18	.....	12
19	7	2	21	65	97	161	212	.....	144
18	1	2	21	49	88	33	108	.....	66
18	6	2	21	121	159	167	128	.....	163
18	10	0	00	203	212	205	192	.....	*hr* 212
16	10	2	21	206	161	212	211	.....	207
19	7	2	21	158	207	204	13	.....	†168
17	5	2	21	197	205	209	188	.....	209
19	0	2	21	1	8	110	181	.....	19
18	2	2	21	179	153	37	23	.....	98
19	7	2	21	205	209	59	103	.....	†179
17	11	2	21	124	163	189	205	.....	187
17	8	2	21	18	6	7	24	.....	*5
18	0	2	21	18	2	5	1	.....	*1
20	1	2	21	172	98	133	52	.....	119
19	8	2	21	71	140	144	193	.....	149
19	1	2	21	140	112	110	203	.....	146
18	3	2	21	180	145	171	171	.....	182
19	0	2	21	118	196	206	198	.....	199
18	2	2	21	164	178	79	177	.....	167
18	11	2	21	169	146	199	106	.....	169
17	5	2	21	49	46	85	11	.....	27
17	8	2	21	8	17	109	71	.....	22
18	7	2	21	129	113	121	24	.....	92

Midshipmen of the third class and relative standing at the

Order of general merit.	Names.	Appointed from—	Date of admission.
*3	**Keliher, Thomas Joseph, jr**	Massachusetts	June 15, 1912
190	Kennedy, Robert Norris	New Hampshire	July 10, 1912
38	Kenworthy, Jesse Lloyd	Pennsylvania	July 19, 1912
133	Kercher, Merrill A	Indiana	Aug. 15, 1912
37	Ketcham, Tuthill	Illinois	July 19, 1912
*br*184	King, Edwin Drummond	New York	Sept. 7, 1912
114	Kirtland, Fred Durrel	Kansas	June 11, 1912
52	Kirtland, Sidney Williamson	Florida	June 13, 1912
20	Kitts, Willard Augustus, 3d	New York	July 12, 1912
124	Klein, Grover Cleveland	Ohio	July 12, 1912
15	Krez, Conrad Adolph	Wisconsin	July 25, 1912
150	La Motte, Robert Smith	Washington	June 14, 1912
126	Lawrence, Newbold Trotter, jr	Michigan	July 23, 1912
137	Lawson, Joseph Hardin	Missouri	July 8, 1912
160	Lennon, Jacob John	Illinois	July 9, 1912
77	Loventhal, William Fishback	Texas	Aug. 3, 1912
80	Lyle, Cyrus Howard	Tennessee	July 16, 1912
57	Lyle, Harris Knowles	Massachusetts	June 11, 1912
180	McFall, Andrew Calhoun	South Carolina	July 30, 1912
185	McGinnis, Knefler	Illinois	July 22, 1912
9	Mackay, Woodbury Eshorne	Massachusetts	July 10, 1912
43	Major, Earl Melvin	New York	June 18, 1912
200	Marston, Frank Rutherford	Florida	Aug. 24, 1912
134	Martin, George Frederick	California	Sept. 19, 1912
136	Massman, Henry Barnard, jr	Wisconsin	July 11, 1912
120	Mayer, Andrew De Graff	Minnesota	June 11, 1912
155	Mayfield, Stanwix Greenville, jr	South Carolina	July 18, 1912
55	Meadows, Pal Lamar	Louisiana	July 12, 1912
193	Merwin, Henry Chester	Nebraska	June 24, 1912
*4	**Miles, Arthur Clark**	Colorado	June 12, 1912
132	Miller, William Earl	New York	July 19, 1912
14	Moon, Don Pardee	Indiana	Aug. 3, 1912
138	Moore, Alva Jacob	Kansas	June 11, 1912
113	Morgan, Gail	West Virginia	July 6, 1912
6	Mullinix, Henry Maston	Indiana	July 3, 1912
ai	Nelson, Donald Davis	Illinois	July 23, 1912
54	Northern, Philip Lumsden	North Carolina	July 9, 1912

annual examination, June, 1913—214 members—Continued.

Age at date of admission.		Sea service in practice ships.		Order of merit in—				Number of demerits.	Order of general merit.
Years.	Months.	Months.	Days.	Mechanical drawing.	Mathematics.	English.	Modern languages.		
19	3	2	21	33	14	6	2	.....	*3
19	8	2	15	186	188	182	112	.....	190
19	11	2	21	69	36	32	73	.....	38
16	9	2	21	125	76	141	175	.....	133
18	6	2	21	64	20	72	101	.....	37
18	9	2	21	158	127	186	212	.....	*br* 184
19	7	2	21	54	136	129	87	.....	114
18	2	2	21	20	59	133	70	.....	52
18	3	2	21	49	10	24	86	.....	20
20	0	2	21	163	86	113	126	.....	124
17	10	2	21	24	63	2	28	.....	15
17	2	2	21	65	183	197	74	.....	150
19	6	2	21	91	118	193	50	.....	126
19	6	2	21	170	171	21	140	.....	137
19	1	2	21	130	134	147	171	.....	160
17	8	2	21	144	30	105	92	.....	77
18	3	2	21	32	87	81	136	.....	80
17	0	2	21	103	40	59	80	.....	57
19	6	2	21	191	150	128	196	.....	180
20	0	2	21	87	186	177	200	.....	185
17	5	2	21	78	13	18	7	.....	9
19	3	2	21	115	37	26	69	.....	43
19	8	2	21	168	175	209	194	.....	200
18	8	2	21	148	138	113	77	.....	134
18	6	2	21	46	180	87	158	.....	136
17	3	2	21	145	104	96	115	.....	120
16	4	2	21	211	107	103	140	.....	155
17	5	2	21	59	27	105	103	.....	55
18	10	2	21	176	176	174	198	.....	193
19	3	2	15	15	4	15	12	.....	*4
17	10	2	21	98	192	151	16	.....	132
18	4	2	21	9	34	9	50	.....	14
19	3	2	21	92	152	116	135	.....	138
19	3	2	21	83	81	122	166	.....	113
20	0	2	21	35	3	4	36	.....	6
19	5	0	0	.....	.....	.....	.....	.....	*ai*
20	0	2	21	59	44	101	59	.....	54

Midshipmen of the third class and relative standing at the

Order of general merit.	Names.	Appointed from—	Date of admission.
130	Pamperin, Arnold Trudell	Wisconsin	June 11, 1912
†211	Parker, Isaiah	Tennessee	July 8, 1912
104	Patterson, Theodore Thomas	New Jersey	July 6, 1912
86	Phelps, Henry Levings	New York	July 22, 1912
153	Price, George Dorsey	West Virginia	July 8, 1912
157	Price, John Dale	Arkansas	June 11, 1912
74	Price, William Rodney	Maryland	June 11, 1912
139	Radford, Arthur William	Iowa	July 5, 1912
111	Ragsdale, Van Hubert	Georgia	July 5, 1912
192	Redfield, Heman Judd	New Jersey	July 6, 1912
59	Reed, Malcomb Willard	Massachusetts	Sept. 25, 1912
99	Reinburg, John Ernest	New Mexico	July 8, 1912
117	Rhudy, Albert Manes	Georgia	July 10, 1912
189	Roberts, John Summerfield, jr	Kentucky	July 10, 1912
42	Rodgers, Bertram Joseph	Pennsylvania	June 18, 1912
41	Rogers, Armistead Calhoun	Tennessee	June 11, 1912
140	Root, Amos Barstow	Rhode Island	June 11, 1912
75	Roper, Clifford Harris	California	July 19, 1912
hr 208	Rough, John, jr	Michigan	June 15, 1912
147	Rutledge, Paul White	Illinois	June 12, 1912
63	Ryan, Dennis Leo	Arizona	June 24, 1912
†194	Ryan, James Blackburn	Ohio	June 17, 1912
62	Safford, Laurence Frye	Massachusetts	July 9, 1912
95	Sauer, Edward Paul	Iowa	July 6, 1912
172	Sawyer, Alfred Le Roy	Illinois	June 18, 1912
18	Schmidt, Hugo	Pennsylvania	July 24, 1912
36	Schott, William Walter	Kansas	June 22, 1912
129	Schrader, Albert Ernest	Indiana	Aug. 6, 1912
191	Scott, James Alfred	Alabama	July 11, 1912
50	Selman, Augustus James	Louisiana	July 15, 1912
152	Simms, Julius Ward	Mississippi	July 30, 1912
21	Sitz, Walter Hoersch	Iowa	July 2, 1912
176	Smith, Edward Martin	Oregon	June 11, 1912
122	Solberg, Thorvald Arthur	Idaho	June 12, 1912
175	Steele, James Mortimer	Colorado	June 11, 1912
61	Sternberg, John Alexander	Maryland	July 6, 1912
†210	Stoffel, Elmer Jacob	Wisconsin	Aug. 7, 1912

annual examination, June, 1913—214 members—Continued.

Age at date of admission.		Sea service in practice ships.		Order of merit in—				Number of demerits.	Order of general merit.
Years.	Months.	Months.	Days.	Mechanical drawing.	Mathematics.	English.	Modern languages.		
19	10	2	21	43	129	159	143	.....	130
17	3	2	15	208	193	213	200	.....	†211
19	10	2	21	21	190	30	151	.....	104
19	11	2	21	154	182	79	5	.....	86
19	10	2	21	65	140	164	185	.....	153
20	1	2	21	174	148	132	110	.....	157
18	7	2	21	161	51	105	36	.....	74
16	4	2	21	92	161	91	155	.....	139
19	11	2	21	177	103	53	103	.....	111
19	6	2	21	166	186	167	188	.....	192
16	9	2	21	57	120	90	17	.....	59
18	10	2	21	106	125	68	96	.....	99
16	9	2	21	101	85	118	157	.....	117
19	8	2	21	203	166	152	160	.....	189
18	3	2	21	54	41	48	92	.....	42
19	0	2	21	116	119	42	8	.....	41
18	8	2	21	118	93	195	115	.....	140
17	9	2	21	125	60	45	112	.....	75
19	1	0	00	212	211	155	121	.....	*hr* 208
20	1	2	21	161	173	67	143	.....	147
18	2	2	21	24	67	99	106	.....	63
18	11	2	21	125	206	141	183	.....	†194
18	9	2	21	111	55	71	78	.....	62
19	4	2	21	12	100	119	183	.....	95
19	5	2	21	175	133	171	164	.....	172
17	6	2	21	58	9	49	38	.....	18
17	9	2	21	83	77	44	26	.....	36
17	5	2	21	109	200	57	43	.....	129
19	6	2	21	153	203	143	211	.....	191
18	9	2	21	36	70	41	73	.....	50
17	10	2	21	143	191	97	67	.....	152
19	6	2	21	76	29	10	14	.....	21
18	4	2	21	134	170	163	144	.....	176
18	4	2	21	154	110	76	109	.....	122
17	10	1	29	116	165	195	135	.....	175
19	7	2	15	7	52	149	88	.....	61
18	5	2	21	194	210	190	210	.....	†210

Midshipmen of the third class and relative standing at the

Order of general merit.	Names.	Appointed from—	Date of admission.
195	Stonestreet, Martin Blackman	Tennessee	Aug. 21, 1912
145	Sumners, Gilbert Wilson	Indiana	July 5, 1912
34	Sutherland, Willis Chester	Wisconsin	July 8, 1912
40	Swenson, Lyman Knute	Utah	July 11, 1912
143	Swink, Roy Cleveland	Pennsylvania	June 12, 1912
77	Terhune, John Alexander	At large	July 6, 1912
26	Thompson, Webster Maddux	Virginia	June 11, 1912
198	Tildsley, John Marron	Mississippi	June 11, 1912
103	Twining, Robert Barber	Wisconsin	July 10, 1912
76	Vail, Louis Richardson	Pennsylvania	June 11, 1912
202	Van Buskirk, Robert Justin	Florida	July 10, 1912
154	Vincent, John Alexander	Illinois	July 19, 1912
br 201	Wahl, Einar Arnold	Minnesota	June 17, 1912
97	Walker, Robert John	Pennsylvania	July 8, 1912
106	Warner, Thomas Dickens	Wisconsin	July 15, 1912
56	Watters, John Sproston, jr	Louisiana	June 14, 1912
25	Wead, Frank Wilbur	Illinois	July 16, 1912
85	Webb, Archer Williams	Illinois	July 9, 1912
159	Webb, Richard Ellsworth	Louisiana	June 11, 1912
16	Webb, Walter Whitfield	Wisconsin	July 9, 1912
204	Wessell, Leonard Paul	North Carolina	July 9, 1912
†162	Wheeler, Charles Julian	Alabama	July 5, 1912
94	White, Henry James	Maryland	July 6, 1912
142	Wilkes, John	North Carolina	June 17, 1912
31	Williams, John Emerson	Massachusetts	June 11, 1912
95	Woodward, Douglas Castleberry	Georgia	June 15, 1912
177	Wynkoop, Norman Osborn	Pennsylvania	July 10, 1912
205	Young, Cassin	Wisconsin	July 10, 1912
32	Ziroli, Humbert William	Massachusetts	July 9, 1912

annual examination, June, 1913—214 members—Continued.

Age at date of admission.		Sea service in practice ships.		Order of merit in—				Number of demerits.	Order of general merit.
Years.	Months.	Months.	Days.	Mechanical drawing.	Mathematics.	English.	Modern languages.		
17	9	2	21	137	195	201	169	.....	195
18	3	2	21	190	68	149	152	.....	145
17	1	2	21	86	41	12	101	.....	34
19	9	2	21	78	21	21	151	.....	40
19	3	2	21	132	62	182	169	.....	143
16	10	2	21	150	23	91	135	.....	77
19	5	2	21	54	14	50	105	.....	26
19	6	2	21	180	199	154	201	.....	198
17	4	2	21	158	83	53	131	.....	103
18	8	2	15	37	66	136	117	.....	76
17	10	2	21	196	142	211	199	.....	202
16	8	2	21	123	198	174	36	.....	154
18	10	2	21	201	202	165	191	.....	*br* 201
18	9	2	21	4	77	193	186	.....	97
18	8	2	21	46	90	146	80	.....	106
18	7	2	21	188	57	18	40	.....	56
16	9	2	21	15	58	35	41	.....	25
17	5	2	21	112	43	125	96	.....	85
20	0	2	21	80	129	180	194	.....	159
17	2	2	15	5	25	56	35	.....	16
18	8	2	15	198	172	207	209	.....	204
16	11	2	21	206	194	93	39	.....	†162
19	9	2	21	166	197	68	2	.....	94
17	1	2	21	193	93	102	136	.....	142
19	4	2	21	24	75	53	26	.....	31
17	8	2	21	95	49	127	136	.....	95
18	7	2	21	134	132	184	207	.....	177
18	3	2	21	210	178	207	171	.....	205
18	10	2	21	9	123	135	4	.....	32

Midshipmen of the fourth class—308 members.

Names.	Appointed from—	Date of admission.	Age at date of admission.	
			Year.	Month.
Allen, Jay K	New Mexico	May 3, 1913	19	11
Anderson, Herbert William	Montana	May 24, 1913	18	11
Anderson, Joseph Porter	Tennessee	May 21, 1913	17	6
Appleton, Daniel Sidney	Georgia	May 2, 1913	19	10
Austin, Leonard Bynner	Pennsylvania	Apr. 25, 1913	20	1
Avery, Harrison	Pennsylvania	June 28, 1913	19	9
Baker, Horatio Orville	Vermont	May 2, 1913	19	10
Ball, William Hereford	Missouri	Apr. 29, 1913	19	10
Bartholdi, John Joseph	Arizona	June 30, 1913	17	6
Bartlett, Samuel Johnson	Alabama	May 20, 1913	17	8
Beall, Robert Lamar	North Carolina	Apr. 30, 1913	20	2
Bennett, Floyd Wesley	Pennsylvania	May 6, 1913	19	7
Bigelow, Anson Alexander	Illinois	May 6, 1913	16	4
Blodgett, Harry Collins	New York	May 9, 1913	18	5
Boehme, Paul Louis	Illinois	Apr. 21, 1913	18	6
r Bontz, Conrad Kauffmann	California	May 7, 1913	19	0
Bowman, Charles Harkness	Pennsylvania	Apr. 25, 1913	20	1
Brady, Edmund Edward, jr	Maine	May 8, 1913	16	9
Brewer, Samuel Bragg	Alabama	June 27, 1913	16	3
Brewington, Carl Wright	Texas	June 14, 1913	19	1
Brightman, Arthur Bruce	North Dakota	May 7, 1913	18	0
Brown, Harold William	Illinois	Apr. 29, 1913	19	0
Browne, Davenport	Pennsylvania	June 14, 1913	18	3
Browne, William Taylor	Ohio	May 5, 1913	19	10
Brush, Oliver Grant	Texas	May 19, 1913	19	0
Buchalter, Benjamin	Indiana	May 6, 1913	17	10
Burke, Thomas Glascock	Virginia	June 9, 1913	19	3
Byers, Ralph Rollin	Indiana	June 25, 1913	17	5
Bynon, John Franklin, jr	Kansas	May 20, 1913	18	8
Caldwell, Edmund Bell	Washington	July 3, 1913	16	3
Calhoun, Walter Carson	Pennsylvania	May 9, 1913	19	0
Campbell, Colin	Kansas	Apr. 21, 1913	17	5
Carroll, Charles Simpson	Montana	May 15, 1913	17	11
Chalmers, Thomas Lewis	New Hampshire	May 2, 1913	18	1
Clark, Guy Wheeler	Minnesota	May 7, 1913	18	4
Clark, Homer Webb	New York	Apr. 24, 1913	17	3
Clark, Joseph James	Oklahoma	May 22, 1913	19	6
Clark, Volney Oral	Wyoming	May 13, 1913	17	2

Midshipmen of the fourth class—308 members—Continued.

Names.	Appointed from—	Date of admission.	Age at date of admission.	
			Year.	Month.
Clarke, William Price Oliver	California	May 20, 1913	19	11
Claude, William Shepard Bryan	Oklahoma	June 30, 1913	17	5
Coe, Douglas Witmer	Minnesota	June 27, 1913	18	4
Collins, Ross Forrester	Missouri	May 6, 1913	16	6
Comstock, Merrill	North Dakota	June 9, 1913	18	1
Conant, Daniel Gilbert	Virginia	June 30, 1913	19	9
Conover, James Potter, jr	New York	May 23, 1913	19	6
Connolly, Martin James	Massachusetts	May 7, 1913	18	8
Conyne, James Henry	New Jersey	May 5, 1913	17	6
Cook, Seabury	New Jersey	June 30, 1913	17	8
Cooley, Thomas Ross, jr	California	June 28, 1913	20	0
Coontz, Kenneth Lee	Alaska	May 8, 1913	16	0
Councill, Howard Folk	North Carolina	May 5, 1913	17	11
Courtney, Frank Joseph	Arkansas	May 28, 1913	18	6
Craig, Arthur Burgin	North Carolina	May 2, 1913	17	2
Creesy, Andrew Elliott	Massachusetts	May 1, 1913	19	6
Critchfield, Milton Harold	Ohio	June 28, 1913	19	6
Cronan, John Gerald	California	May 14, 1913	19	11
Crosley, Floyd Stewart	Georgia	Apr. 29, 1913	16	3
Cruse, John Roger	Missouri	May 12, 1913	16	11
Cummings, George Clarence	Massachusetts	Aug. 13, 1913	20	0
Curr, Chauncey Rossiter	New York	May 20, 1913	19	5
Curran, John Anthony	Maine	Apr. 24, 1913	18	10
Daab, Philip Martin	New York	May 5, 1913	19	1
Dashiell, Robert Brooke	At large	May 5, 1913	17	6
Davis, Ward Percival	Idaho	May 5, 1913	18	3
Dean, Frank Homewood	Delaware	May 14, 1913	19	5
Dees, Randal Euesta	Mississippi	June 30, 1913	19	9
Denebrink, Francis Compton	Wyoming	May 8, 1913	16	11
DeVeaux, Lyle Calhoun	Missouri	May 20, 1913	19	3
Dietrich, William Francis	New York	May 26, 1913	19	10
Dillon, Stephen Edwin	Arkansas	May 8, 1913	17	7
Dobyns, Thomas Abner, jr	West Virginia	Aug. 25, 1913	17	10
Doughty, Leonard, jr	Texas	May 20, 1913	19	1
Douglas, Alexander Dean	Oklahoma	June 30, 1913	18	11
Downey, Kavanaugh Charles William.	Wisconsin	May 5, 1913	19	4
Drought, Humphreys Lee	Texas	Apr. 30, 1913	17	9
Duncan, Donald Bradley	Michigan	May 5, 1913	16	8

Midshipmen of the fourth class—308 members—Continued.

Names.	Appointed from—	Date of admission.	Age at date of admission.	
			Year.	Month.
Dunwoody, Kingsland	New York	Apr. 30, 1913	17	6
Duvall, Elmer Ellsworth, jr	Maryland	Apr. 25, 1913	18	7
Eaches, Robert Morse	Pennsylvania	Apr. 22, 1913	18	4
Elmore, Willett	Alabama	June 3, 1913	17	5
Ely, Hansen Edward, jr	Iowa	Apr. 29, 1913	17	1
Ely, Harold Faul	Pennsylvania	May 20, 1913	19	7
Evans, Donald Rodney	Delaware	Apr. 23, 1913	17	6
Fahrion, Frank George	West Virginia	June 26, 1913	19	2
Fairlamb, George Richardson, jr	Virginia	Apr. 30, 1913	18	6
Fisher, Thomas Geary	Maryland	Apr. 30, 1913	18	7
Fitch, Donald Bradford	Louisiana	May 22, 1913	18	7
FitzSimons, Samuel Gaillard	South Carolina	Apr. 23, 1913	19	0
Flagg, Allan Prescott	New York	May 1, 1913	18	8
Fleming, Robert Walton	Louisiana	Apr. 30, 1913	19	4
Floyd-Jones, Kenneth	New York	May 2, 1913	18	2
Foley, Francis Cornelius	Kansas	June 28, 1913	18	3
Forshew, John Hildreth, jr	New York	June 12, 1913	16	10
Forster, Guido Frederick	New York	Sept. 11, 1913	18	5
Fox, David Carl	Pennsylvania	July 10, 1913	17	0
Fox, Henry Wilbur	Indiana	Apr. 28, 1913	18	2
French, Irvine	Oregon	May 7, 1913	19	6
Frere, Bryan	Louisiana	June 25, 1913	16	10
Fullinwider, Simon Pendleton	New Mexico	Aug. 15, 1913	16	0
Gale, Thomas Boyle	Tennessee	June 16, 1913	18	6
Gallup, Arthur Hicks	New Mexico	May 20, 1913	18	5
Gamble, Howard Grattan	Florida	Sept. 25, 1913	19	1
Gathings, James Clinton	Mississippi	May 20, 1913	19	4
Gayle, William Armistead, jr	Alabama	June 30, 1913	17	4
Gleich, Otto Christian	Illinois	May 19, 1913	19	7
Glick, David	Pennsylvania	June 9, 1913	17	8
Goeppert, Lloyd William	California	Aug. 6, 1913	19	11
Gover, Lewis Lynn	Alabama	May 16, 1913	19	3
Grant, Vernon Francis	Mississippi	Apr. 23, 1913	18	10
Gray, John Farmer Wilson	Pennsylvania	Aug. 1, 1913	18	4
Grove, Conrad Shamel, 3d	Pennsylvania	Apr. 29, 1913	18	10
Gruelick, Richard Wetherill	Indiana	May 7, 1913	19	1
Habrylewicz, Louis LeRoy	Illinois	May 9, 1913	17	11
Haeberle, Frederick Edward	California	May 22, 1913	19	10
Hagen, Edward Gillette	New Jersey	Apr. 21, 1913	19	7

Midshipmen of the fourth class—308 members—Continued.

Names.	Appointed from—	Date of admission.	Age at date of admission.	
			Year.	Month.
Haines, John Meade	California	May 13, 1913	18	6
Halstead, Franklin DeFord	Vermont	June 28, 1913	17	17
Hanafee, Frank Joseph	Indiana	May 8, 1913	17	0
Hansen, Carl Ludvig	North Dakota	Apr. 29, 1913	19	4
Hanson, Evan Greenwood	Utah	June 27, 1913	18	9
Harper, Richard Harvey	Texas	May 27, 1913	19	4
Harris, Thomas Field	Kentucky	June 4, 1913	17	9
Harrison, Thomas Walter, jr	Virginia	May 22, 1913	19	5
Harriss, George Latham	North Carolina	May 5, 1913	17	9
Harvey, Lawrence	Pennsylvania	May 6, 1913	19	6
Hayden, Charles Lynn	Wisconsin	May 20, 1913	18	3
Hayes, Harold Dorr	Colorado	May 5, 1913	19	5
Headlee, Colin DeVere	Washington	May 20, 1913	20	1
Heffernan, John Baptist	Indiana	May 23, 1913	18	7
Hendley, Thomas Bentley	Tennessee	June 28, 1913	19	10
Herndon, Coburn	Missouri	June 23, 1913	19	5
Hoeffel, Kenneth Mortimer	Wisconsin	June 30, 1913	19	3
Holden, Carl Frederick	Maine	May 26, 1913	18	0
Holton, Chester McKinley	Ohio	May 5, 1913	18	0
Hooks, Donald Robert	Arkansas	July 7, 1913	18	10
Hoover, Guy Bashford	Ohio	June 28, 1913	19	11
Hopkins, William Harney, jr	Tennessee	May 9, 1913	19	7
Houchin, Lloyd Arthur	Iowa	May 8, 1913	19	7
Howard, George Turner	Georgia	May 2, 1913	20	0
Hudson, Lester Jay	California	June 24, 1913	19	2
Hurlbut, Earl Schaefer	Kansas	May 2, 1913	20	0
Huschke, Paul William Frederick	Oregon	June 30, 1913	18	2
Hutson, Albert Lockett	Texas	May 22, 1913	19	5
Hyde, Ralph Underhill	New York	June 24, 1913	18	11
Irby, Franklin Scott	Texas	May 9, 1913	18	7
Jackson, Herbert Wiley	Kansas	May 1, 1913	19	0
Jacobs, Morris Abe	Mississippi	May 13, 1913	18	6
Jacobsen, Conrad Leiknes	Oregon	May 8, 1913	19	3
Jemail, Manuel James	Rhode Island	May 5, 1913	19	8
Jenkins, John Hayes	Washington	June 30, 1913	17	6
Johnson, Clarence Willard	Minnesota	June 28, 1913	18	6
Johnson, Robert Louis	Alabama	May 16, 1913	16	8
Jones, Charles Myers	North Carolina	May 12, 1913	18	8

Midshipmen of the fourth class—308 members—Continued.

Names.	Appointed from—	Date of admission.	Age at date of admission.	
			Year.	Month.
Jones, Edward Harral	Pennsylvania	Apr. 24, 1913	18	6
Jones, William Davis, jr	Texas	June 11, 1913	19	1
Keating, Robert Emmet	Illinois	May 12, 1913	19	9
Keefe, John Henry	Maine	May 31, 1913	20	0
Keller, George Monteith	Connecticut	June 10, 1913	18	4
Keller, Karl	Pennsylvania	June 4, 1913	19	1
Kelly, Laurence Edward	Pennsylvania	May 13, 1913	18	6
Kennedy, James Francis	Pennsylvania	June 30, 1913	18	2
Kiland, Ingolf Norman	Wisconsin	May 13, 1913	8	2
Kimball, Edward Albert	New Mexico	June 6, 1913	9	0
King, Edwin Drummond	New York	Oct. 28, 1913	19	10
Kirtland, Clayton Wilson	Florida	Apr. 28, 1913	17	0
Klein, Harold Samuel	Pennsylvania	May 8, 1913	18	9
Knowles, Herbert Bain	Maine	May 12, 1913	19	2
Leggett, William Adams	North Carolina	June 10, 1913	19	7
Lehrfeld, Isidore	New York	May 1, 1913	18	6
Lindstrom, Gustaf Thorsten	Illinois	May 8, 1913	19	7
Lively, Frank Wilson	West Virginia	June 30, 1913	18	5
rLoth, Moritz August Rust	Virginia	May 26, 1913	19	3
Lowry, Edmund James	Rhode Island	May 2, 1913	19	1
Lucado, Thornton Jenkins	Nebraska	May 20, 1913	18	5
Ludlow, William Goodwin, jr	South Dakota	May 20, 1913	18	6
Luth, William Clark	New York	July 28, 1913	19	5
McCann, Allan Rockwell	Massachusetts	June 23, 1913	16	9
McCarty, William Luther	Kentucky	June 26, 1913	19	7
McIver, George Wilcox, jr	California	Aug. 15, 1913	16	0
McKee, Andrew Irwin	Kentucky	May 5, 1913	17	3
McReynolds, Robert Wing, jr	Texas	June 20, 1913	19	4
Mack, Andrew Robert	New Hampshire	June 27, 1913	17	5
Manton, John Paul	Ohio	May 19, 1913	18	4
Maples, Houston Ledbetter	Alabama	Sept. 30, 1913	17	7
Marbourg, Edgar Foster	Colorado	May 26, 1913	16	1
Mason, Gorden Hancock	Pennsylvania	Apr. 28, 1913	16	4
Matthews, Robert Bowman	Louisiana	Apr. 29, 1913	17	9
Mentz, George Francis	Minnesota	June 20, 1913	17	2
Merrell, Ernest Baldwin	Pennsylvania	Apr. 22, 1913	18	8
Metcalf, John Tucker	Rhode Island	Apr. 22, 1913	19	6
Mitchell, Edward Alexander	New York	June 11, 1913	17	7
Moen, Arthur Thomas	Iowa	June 28, 1913	18	6
Moore, Vincent John	Pennsylvania	June 25, 1913	19	1

Midshipmen of the fourth class—308 members—Continued.

Names.	Appointed from—	Date of admission.	Age at date of admission.	
			Year.	Month.
Moore, Van Rensselaer	Pennsylvania	May 7, 1913	17	7
Moran, Edward Joseph	Illinois	Apr. 25, 1913	19	8
Morcock, William James	Georgia	May 20, 1913	19	3
Morris, Earl William	Ohio	Sept. 10, 1913	19	6
Moss, James Ehlen	Oklahoma	June 28, 1913	17	11
Murphy, John Vernon	Texas	June 18, 1913	20	0
Muschlitz, Earle Eugene	Pennsylvania	Apr. 22, 1913	18	7
Naill, Ralph Fancher	Kansas	June 30, 1913	17	2
Neill, John Baldwin, jr	Virginia	May 2, 1913	16	7
Neilson, Frederic Winthrop	New York	June 21, 1913	17	5
Nichols, Harry James	Missouri	May 8, 1913	20	0
Noble, Albert	Oklahoma	June 2, 1913	17	6
Ogg, Robert Rennie	New York	June 26, 1913	18	3
Oster, Henry Richard	New York	July 7, 1913	18	1
Ostrander, John Edwin, jr	Massachusetts	Apr. 29, 1913	18	7
Overman, Alonzo Grady Columbus	Georgia	Apr. 28, 1913	19	8
Padan, Frank Lynn	Ohio	Sept. 5, 1913	18	0
Page, Arthur Hallet, jr	Minnesota	June 19, 1913	17	9
Paige, Joseph Wegner	Vermont	Apr. 24, 1913	18	2
Park, Peyton Hogue	North Carolina	June 21, 1913	20	0
Parkhurst, Thomas Reynolds	Missouri	June 6, 1913	17	9
Perkins, Constantine Nicholas	California	May 1, 1913	16	10
Perry, James De Wolf	South Dakota	May 2, 1913	17	5
Phillips, Edwin Ray	Iowa	May 20, 1913	19	1
Phillips, William Kearney	Georgia	May 1, 1913	19	2
Poindexter, Gale Aylett	Washington	May 23, 1913	19	11
Porter, Robert Lee, jr	Maryland	May 8, 1913	17	8
Post, Charles Kintzing	California	June 30, 1913	16	6
Presnell, Byron King	Idaho	June 30, 1913	19	0
Price, Allen Ingram	Ohio	June 30, 1913	18	2
Quinby, William Peet	New York	May 1, 1913	18	11
Randolph, Robert Lee, jr	Maryland	May 26, 1913	18	0
Ransbottom, Rolla Eugene	Ohio	May 26, 1913	19	11
Rawlings, Norborne Lewis	Virginia	May 5, 1913	18	11
Reagle, Charles Marshall	Ohio	Apr. 22, 1913	18	11
Reaves, Andrew Glover	Florida	May 8, 1913	18	8
Reifel, William McKinley	Ohio	June 25, 1913	17	11
Reynolds, Walter, jr	Georgia	May 13, 1913	18	7
Richards, William Pettet	Washington	May 1, 1913	18	2

Midshipmen of the fourth class—308 members—Continued.

Names.	Appointed from—	Date of admission.	Age at date of admission.	
			Year.	Month.
Richmond, John O'Donnel	Pennsylvania	May 9, 1913	18	8
Robnett, John David, jr	Texas	June 18, 1913	17	4
Rock, Bertram Neumann	Michigan	Apr. 21, 1913	19	3
Rogers, Edward Brien	Virginia	Apr. 23, 1913	18	3
Rogers, Ford Ovid	Texas	May 13, 1913	19	2
Ross, Donald Malcolm	California	June 25, 1913	17	7
Ross, George Edward, jr	Kentucky	May 2, 1913	17	1
Ross, Thomas Dashiell	Arizona	May 9, 1913	19	6
Routier, Glenn Erastus	New York	May 26, 1913	18	4
Sallada, Harold Bushnell	Pennsylvania	June 18, 1913	18	5
Sargeant, Laurence Prescott	Kansas	May 7, 1913	19	11
Schneider, Adolph Piening	California	May 16, 1913	17	9
Schofield, Albert Richardson	Pennsylvania	May 12, 1913	18	6
Schumacher, Theodore Leon	Minnesota	May 2, 1913	18	7
Scott, John Benson	Pennsylvania	May 13, 1913	19	10
Sease, Hugh Saint Clair	South Carolina	May 19, 1913	19	9
Senn, Elliott Marchant	Mississippi	May 19, 1913	16	0
Shepard, Andrew Gilbert	New York	June 26, 1913	16	0
Shortridge, Paul Fearson	Missouri	May 13, 1913	17	4
Shown, Wilber Victor	Texas	May 14, 1913	17	6
Sizer, Bruce Lucius	Illinois	Apr. 23, 1913	18	0
Skylstead, Ralph Frederick	Montana	May 6, 1913	17	7
Small, Lisle Francis	Iowa	May 22, 1913	18	4
Smith, Francis Adam	Nebraska	Apr. 29, 1913	18	7
Smith, Harold Walling	New York	Apr. 30, 1913	19	11
Sobel, Herbert Russell	Ohio	June 30, 1913	16	6
Sparrow, Edward	Nebraska	May 5, 1913	17	0
Spellman, Francis Thomas	Massachusetts	Apr. 23, 1913	18	2
Spencer, Douglas Ancrum	North Carolina	May 7, 1913	17	3
Spicer, Donald	At large	May 27, 1913	19	3
Spruance, Owen Evans	Delaware	June 25, 1913	18	6
Stanton, Walter Hicks	Georgia	Apr. 29, 1913	20	0
Staples, George Bruce	Louisiana	July 11, 1913	18	0
Staud, Benjamin Franklin	Pennsylvania	June 17, 1913	17	10
Steeves, Leland Stanford	Michigan	May 7, 1913	19	10
Stone, John Gilbert Marshall	Colorado	May 31, 1913	19	4
Stump, Felix Budwell	West Virginia	June 26, 1913	18	6
Svec, William Frank	Illinois	May 20, 1913	18	2

Midshipmen of the fourth class—308 members—Continued.

Names.	Appointed from—	Date of admission.	Age at date of admission.	
			Year.	Month.
Sweet, Robert Francis	Iowa	May 1, 1913	17	10
Tevis, Paul Ulysses	Ohio	May 20, 1913	19	8
Thoma, Charles Gustave	Illinois	Apr. 30, 1913	20	1
Tobin, Robert Gibson	Virginia	May 8, 1913	18	9
Tolman, Thomas Wheelock	Minnesota	Apr. 30, 1913	17	8
Toombs, Henry Johnston	Georgia	May 8, 1913	17	4
Topp, Emile	New York	June 10, 1913	19	11
Truxes, Arthur Henry	South Dakota	May 15, 1913	19	9
Twomey, John Joseph	Massachusetts	June 26, 1913	19	11
Tyler, John Cood	Kentucky	May 1, 1913	17	4
Villamena, Vincent Anthony	New York	Apr. 29, 1913	17	11
Vyse, William Clarke	New Jersey	Aug. 1, 1913	18	2
Vytlacil, Nicholas	Illinois	June 30, 1913	18	7
Waddell, James Evans	Illinois	May 5, 1913	18	9
Wainwright, Lawrence	At large	May 7, 1913	16	7
Waldschmidt, Theodore Max	South Dakota	June 30, 1913	18	5
Wallin, Homer Norman	North Dakota	June 28, 1913	19	7
Walton, John Newton	Pennsylvania	Apr. 24, 1913	18	6
Ward, Clarence Oliver	Nebraska	May 7, 1913	19	4
Ward, Charles Stuart	Idaho	May 1, 1913	18	10
Warren, Philip Wilson	Illinois	June 23, 1913	17	6
Weber, George Karl	Pennsylvania	June 21, 1913	19	0
Weis, Frederick Lewis	Rhode Island	Apr. 29, 1913	17	8
Weitzel, Charles William	Colorado	May 5, 1913	18	1
Wells, Benjamin Osborne	Wisconsin	May 8, 1913	16	6
Wertheimer, Jackson Fisk	California	May 13, 1913	16	10
Wheeler, Edward Blue	South Carolina	June 27, 1913	17	8
White, Joseph Johnston, jr	Alabama	May 9, 1913	19	9
Whitson, John Allen	Mississippi	Sept. 4, 1913	19	2
Whittaker, Horace Roy	Pennsylvania	May 31, 1913	18	10
Woodruff, Julian Leveric	New York	June 9, 1913	19	4
Woolford, Lee Burton	Arkansas	Apr. 30, 1913	17	0
Wooster, Stanton Hall	Connecticut	Apr. 23, 1913	18	1
Wooten, James Council, jr	Tennessee	May 19, 1913	16	9
Worden, Frank Lyman	Montana	Apr. 28, 1913	17	5
Wyatt, Ben Harrison	Kentucky	May 19, 1913	19	8
Wyman, Ralph	Wyoming	May 9, 1913	19	2
Wynne, Sydney Julian	California	June 30, 1913	17	11

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SUMMARY OF MIDSHIPMEN AT THE U. S. NAVAL ACADEMY AT THE BEGINNING OF THE ACADEMIC YEAR 1913–14.

First class	156
Second class	189
Third class	211
Fourth class	305
Total	861

APPOINTMENTS, DEATHS, RESIGNATIONS, ETC.

October 1, 1912, to October 1, 1913.

Appointed ensigns.

Blandy, W. H. P	Class of 1913
Gayhart, E. LeR	Class of 1913
Andrews, G. A	Class of 1913
Abbott, H. L	Class of 1913
Jones, J. C., jr	Class of 1913
Woodside, E. L	Class of 1913
Keisker, H. E	Class of 1913
Searles, T. M	Class of 1913
Davis, G. B	Class of 1913
Leighton, B. G	Class of 1913
Enright, E. F	Class of 1913
Crisp, F. G	Class of 1913
Dunbar, P. H., jr	Class of 1913
Want, C. H	Class of 1913
Wilson, R. J	Class of 1913
McFeaters, C. P	Class of 1913
Hoard, C. E	Class of 1913
VanValzah, H. C	Class of 1913
Ingraham, C. N	Class of 1913
Foutz, C. L	Class of 1913
Shock, T. M	Class of 1913
Pickhardt, A. V. S	Class of 1913
Bryant, S. F	Class of 1913
Stevens, P. A	Class of 1913
Wallace, K. R. R	Class of 1913
Wolf, G. W	Class of 1913
Jupp, W. B	Class of 1913
Daughtry, R. B	Class of 1913
Causey, W. I., jr	Class of 1913
Seibert, W	Class of 1913
Mathews, J. T	Class of 1913
Johnston, F. L	Class of 1913
Knight, R. H	Class of 1913
Greene, G. L., jr	Class of 1913
White, H. L	Class of 1913
Venable, R. S. H	Class of 1913
Helmick, C. G	Class of 1913
Gillette, N. C	Class of 1913
Brownell, J. A	Class of 1913
Shine, T	Class of 1913
Dudley, R	Class of 1913
Geisenhoff, N. H	Class of 1913

Wild, L. ..... Class of 1913
Gray, L. R. ..... Class of 1913
Fenn, H. K. ..... Class of 1913
Hull, G. D. ..... Class of 1913
Brenner, J. E. ..... Class of 1913
Geer, S. H. ..... Class of 1913
Hendren, P. ..... Class of 1913
Todd, C. C., jr. ..... Class of 1913
Briggs, H. M. ..... Class of 1913
Cassard, P. ..... Class of 1913
Henry, W. O. ..... Class of 1913
Pearse, C. L. ..... Class of 1913
Kates, J. M. ..... Class of 1913
Hull, C. T. ..... Class of 1913
Berrien, T. G. ..... Class of 1913
Henderson, J. R. ..... Class of 1913
Zemke, E. F. ..... Class of 1913
Tisdale, G. M. ..... Class of 1913
O'Keefe, E. J. ..... Class of 1913
Hunt, B. T. ..... Class of 1913
Wright, W. L. ..... Class of 1913
Bryan, H. V. ..... Class of 1913
Vankerkloot, E. L. ..... Class of 1913
Ruble, W. J. ..... Class of 1913
Palmer, J. R. ..... Class of 1913
Hill, J. L. V. ..... Class of 1913
Davis, H. C. ..... Class of 1913
Grayson, R. H. ..... Class of 1913
Thompson, T. B. ..... Class of 1913
Hall, J. L. ..... Class of 1913
DuBose, L. T. ..... Class of 1913
Strong, J. H. ..... Class of 1913
Robinson, A. G. ..... Class of 1913
Dillingham, F. W. ..... Class of 1913
Skinner, H. G., jr. ..... Class of 1913
Doyle, W. E. ..... Class of 1913
Page, H. B. ..... Class of 1913
Hintze, K. E. ..... Class of 1913
Junkin, G. B. ..... Class of 1913
Meek, W. W. ..... Class of 1913
Miller, J. McC. ..... Class of 1913
Downes, O. L. ..... Class of 1913
Davis, E. ..... Class of 1913
Gellerstedt, H. R. ..... Class of 1913
Parrish, C. J. ..... Class of 1913
Powell, P. P. ..... Class of 1913
Pfaff, R. ..... Class of 1913
Lingo, B. H. ..... Class of 1913
Quinlan, E. H. ..... Class of 1913
Roth, L. J. ..... Class of 1913
Dale, G. S. ..... Class of 1913
Withers, C. ..... Class of 1913
Moore, S. N. ..... Class of 1913
Craven, T. A. M. ..... Class of 1913

Bray, S. E.	Class of 1913
Hatch, W. G. B.	Class of 1913
Walton, A. S.	Class of 1913
Searles, P. J.	Class of 1913
Thurston, S. S.	Class of 1913
Dunn, A. W., jr.	Class of 1913
Wood, V.	Class of 1913
Ransom, P. C.	Class of 1913
Thebaud, L. H.	Class of 1913
Lee, J. A.	Class of 1913
Babbitt, L. L.	Class of 1913
Seiller, H. A.	Class of 1913
Webb, J. R.	Class of 1913
Donahue, A. H.	Class of 1913
Pillsbury, H. W.	Class of 1913
Jones, J. D.	Class of 1913
Cochran, W.	Class of 1913
Masek, W.	Class of 1913
McGuire, T. W.	Class of 1913
Timberlake, J. B.	Class of 1913
McCawley, E. S.	Class of 1913
Clarke, L. W.	Class of 1913
Pickering, L. D.	Class of 1913
Kirkpatrick, R. D.	Class of 1913
Hudson, M.	Class of 1913
Haas, A. L.	Class of 1913
Hutchins, G.	Class of 1913
Marcus, A.	Class of 1913
Conger, F. B., jr.	Class of 1913
Floyd, H. F.	Class of 1913
Ard, L. B.	Class of 1913
Asserson, R.	Class of 1913
Hoffman, J. H.	Class of 1913
Agrell, L. R.	Class of 1913
Smith, J. H.	Class of 1913
Lee, D. R.	Class of 1913
Parmelee, H. P.	Class of 1913
Valentine, R. J.	Class of 1913

Deaths.

Meacham, R. T., class of 1914	May 30, 1913

Dismissed.

Tigan, Walter J., class of 1915	Oct. 28, 1912
Cook, James C., class of 1915	Apr. 18, 1913

Dropped.

McKee, F. W., class of 1913	June 12, 1913

Resigned.

Hilton, H. H., class of 1915	Oct. 3, 1912
Dean, R. L., class of 1915	Oct. 5, 1912
Sacket, G. W., class of 1915	Oct. 10, 1912
Engle, A. D., class of 1914	Nov. 15, 1912

Toothman, A. H., class of 1916	Dec. 12, 1912
Lynott, G. H., class of 1914	Dec. 13, 1912
Neff, L. G., class of 1915	Dec. 18, 1912
Wagner, E. G., class of 1916	Dec. 20, 1912
Saunders, W. H., class of 1916	Dec. 20, 1912
Neville, R. C., class of 1916	Dec. 20, 1912
Reed, J. D., class of 1916	Dec. 20, 1912
Alston, E. S., class of 1916	Dec. 28, 1912
Beall, R. L., class of 1916	Jan. 20, 1913
Birmingham, W. J., class of 1916	Jan. 23, 1913
Montgomery, J. D., class of 1916	Jan. 24, 1913
Phillips, W. K., class of 1916	Jan. 30, 1913
Rodes, P. P., class of 1914	Feb. 3, 1913
Lamb, W. V., class of 1916	Feb. 5, 1913
Chalmers, T. L., class of 1916	Feb. 6, 1913
Kimball, E. A., class of 1916	Feb. 6, 1913
Harrison, T. W., class of 1916	Feb. 10, 1913
Julian, C. C., class of 1913	Feb. 10, 1913
Reiniger, G. G., class of 1913	Feb. 12, 1913
Appleton, D. S., class of 1915	Feb. 12, 1913
Bourne, L. M., jr., class of 1915	Feb. 12, 1913
Myers, W. H., class of 1915	Feb. 12, 1913
Baker, H. O., class of 1916	Feb. 12, 1913
Cooley, T. R., jr., class of 1916	Feb. 12, 1913
Dunbar, J. B., class of 1916	Feb. 12, 1913
Fitch, D. B., class of 1916	Feb. 12, 1913
Fox, H. W., class of 1916	Feb. 12, 1913
Gambrill, R. G., class of 1916	Feb. 12, 1913
Getty, R. N., jr., class of 1916	Feb. 12, 1913
Grant, V. F., class of 1916	Feb. 12, 1913
Holton, C. M., class of 1916	Feb. 12, 1913
Hutson, A. L., class of 1916	Feb. 12, 1913
Jones, E. H., class of 1916	Feb. 12, 1913
Jones, H. E., class of 1916	Feb. 12, 1913
Keating, R. E., class of 1916	Feb. 12, 1913
Keefe, J. H., class of 1916	Feb. 12, 1913
Luth, W. C., class of 1916	Feb. 12, 1913
Parkhurst, T. R., class of 1916	Feb. 12, 1913
Rogers, F. O., class of 1916	Feb. 12, 1913
Scout, A., class of 1916	Feb. 12, 1913
Shelby, R. D., class of 1916	Feb. 12, 1913
Smith, F. A., class of 1916	Feb. 12, 1913
Sunderhauf, R. J., class of 1916	Feb. 12, 1913
Topp, E., class of 1916	Feb. 12, 1913
Vyse, W. C., class of 1916	Feb. 12, 1913
Welch, W. L., class of 1916	Feb. 12, 1913
Woods, M., class of 1916	Feb. 12, 1913
Barton, H. D., class of 1915	Feb. 15, 1913
Quinby, W. P., class of 1916	Feb. 17, 1913
Wilson, C. B., class of 1916	Feb. 17, 1913
Doyle, J. H., class of 1916	May 5, 1913
Vaill, R., class of 1913	May 19, 1913
Cochran, W. T., class of 1913	May 19, 1913
Keller, C. L., class of 1914	May 19, 1913

Ralls, O. B., jr., class of 1914	May	19, 1913
Branch, R. A., class of 1916	May	19, 1913
Milliken, S. J., class of 1916	May	19, 1913
Roberts, Q. F., class of 1916	May	19, 1913
Wootton, H. G., class of 1916	May	19, 1913
Rough, John, class of 1916	May	19, 1913
Foley, F. C., class of 1916	June	6, 1913
Hendley, T. B., class of 1916	June	6, 1913
Clarkson, H. S., class of 1913	June	7, 1913
O'Neal, Kirtland, class of 1913	June	7, 1913
Pendleton, A., class of 1913	June	7, 1913
Sleeper, P. DeV., class of 1913	June	7, 1913
Ramsey, H. C., class of 1915	July	17, 1913
Loth, M. A. R., class of 1917	July	24, 1913
Ward, C. S., class of 1917	July	24, 1913
Bontz, C. K., class of 1917	Aug.	7, 1913
Austin, C. L., class of 1913	Aug.	29, 1913
Dailey, J. E., class of 1916	Oct.	4, 1913
King, E. D., class of 1916	Oct.	4, 1913
Wahl, E. A., class of 1916	Oct.	4, 1913

MERIT ROLLS FOR 1912–13.

Merit rolls, made out annually for each class, show the proficiency of the midshipmen in each branch of study. The numbers given in the table, showing the relative weight of the different branches, are used as coefficients; the final mark in each branch (on a scale of 4) being multiplied by the number assigned to that branch. The sum of the products, after adding the multiple for discipline, is the final mark of the midshipmen for the year, after deducting the penalty for demerits assigned offenses, in accordance with pars. 178–179, Reg. U. S. Naval Academy, 1911.

In the graduating merit roll the final standing for the course is determined by the sum of the yearly multiples.

Midshipmen who attain 85 per cent of the multiple for a year shall be distinguished by a star affixed to their names on the annual merit rolls. (Regs. U. S. Naval Academy 1911, par. 207.)

The diplomas of midshipmen whose final multiples on the graduating merit roll are not less than 85 per cent of the maximum shall read "passed with distinction"; those whose final multiples are less than 85 per cent but not less than 75 per cent of the maximum, shall read "passed with credit"; and those whose final multiples are less than 75 per cent of the maximum shall read "passed." (Regs. U. S. Naval Academy, 1911, par. 208.)

* Received 85 per cent of the multiple.

† Found deficient, allowed a reexamination, passed, and continued with class.

¶ Retained in next lower class.

A Absent annual examination by reason of sickness, continued with class subject to delayed examinations.

a Absent by reason of sickness.

b Deficient at annual examination, and at reexamination.

c Deficient on delayed examinations, reexamined and passed.

dd Died.

h Deficient at annual examination; to be dropped.

i Transferred to Las Animas, Colo., for treatment.

m Unsatisfactory in efficiency or conduct, or both; ordered to make practice cruise, 1913, to be given diploma and commission at the expiration thereof, provided reports of fitness for cruise are satisfactory.

n Absent annual examination in next higher class; retained in class in which his name appears.

o Passed as result of delayed examinations.

p Dropped for "inaptitude."

q Physically disqualified.

r Resigned.

s Passed on physical reexamination.

Merit roll for the four years' course of the midshipmen of the first class, 140 members—annual examination, June, 1913.

Order of merit.	Names.	First year.	Second year.	Third year.	Fourth year.	General aggregate for four years.
	Maxima	80	160	240	320	800
*1	**Blandy, W. H. P.**	69. 94	144. 65	218. 74	285. 42	718. 75
*2	**Gayhart, E. L. R.**	72. 04	144. 05	216. 97	285. 05	718. 11
*3	**Andrews, G. A.**	72. 50	142. 60	215. 21	286. 08	716. 39
*4	**Abbott, H. L.**	69. 49	138. 27	213. 92	277. 81	699. 49
*5	**Jones, J. C., jr.**	68. 09	137. 69	211. 02	279. 34	696. 14
*qs*6	Woodside, E. L.	67. 79	132. 82	209. 35	269. 97	679. 93
7	Keisker, H. E.	69. 69	137. 06	203. 60	266. 58	676. 93
8	Searles, T. M.	64. 61	133. 62	205. 37	270. 65	674. 25
9	Davis, G. B.	66. 65	135. 10	201. 15	266. 90	669. 80
10	Leighton, B. G.	62. 89	135. 08	200. 93	270. 49	669. 39
11	Enright, E. F.	63. 87	130. 81	201. 34	269. 23	665. 25
12	Crisp, F. G.	66. 55	135. 17	192. 07	263. 30	657. 09
13	Dunbar, P. H., jr.	69. 50	132. 22	200. 64	254. 34	656. 70
14	Want, C. H.	63. 84	129. 33	200. 59	260. 87	654. 63
15	Wilson, R. J.	64. 50	131. 85	199. 52	258. 29	654. 16
16	McFeaters, C. P.	66. 99	133. 06	194. 22	258. 17	652. 44
17	Hoard, C. E.	61. 18	131. 95	199. 87	254. 17	647. 17
18	Van Valzah, H. C.	65. 28	134. 59	195. 95	248. 39	644. 21
19	Ingraham, C. N.	60. 85	127. 42	193. 60	259. 94	641. 81
*qs*20	Foutz, C. L.	66. 97	131. 70	193. 45	249. 29	641. 41
21	Shock, T. M.	65. 43	134. 10	193. 03	247. 84	640. 40
22	Pickhardt, A. V. S.	66. 26	125. 59	194. 13	254. 05	640. 03
23	Bryant, S. F.	68. 20	130. 70	189. 27	250. 22	638. 39
24	Stevens, P. A.	63. 87	127. 60	194. 97	250. 74	637. 18
25	Wallace, K. R. R.	63. 72	129. 88	190. 41	248. 18	632. 19
26	Wolf, G. W.	65. 67	130. 97	193. 69	241. 82	632. 15
27	Jupp, W. B.	61. 55	123. 27	198. 13	248. 22	631. 17
28	Daughtry, R. B.	63. 20	129. 64	189. 47	246. 71	629. 02
29	Causey, W. I., jr.	62. 78	130. 17	190. 17	245. 58	628. 70
30	Seibert, W.	62. 95	128. 34	190. 37	246. 61	628. 27
31	Mathews, J. T.	64. 64	129. 50	185. 43	247. 03	626. 60
32	Johnston, F. L.	63. 14	126. 77	190. 27	245. 10	625. 28
33	Knight, R. H.	62. 49	125. 87	185. 72	250. 96	625. 04
34	Greene, G. L., jr.	64. 05	122. 84	192. 04	245. 33	624. 26
35	White, H. L.	61. 37	124. 56	187. 66	250. 14	623. 73
36	Venable, R. S. H.	63. 16	127. 45	188. 76	244. 06	623. 43
37	Helmick, C. G.	62. 69	129. 27	185. 94	242. 41	620. 31

Merit roll for the four years' course of the midshipmen of the first class, 140 members—annual examination, June, 1913—Continued.

Order of merit.	Names.	First year.	Second year.	Third year.	Fourth year.	General aggregate for four years.
	Maxima	80	160	240	320	800
38	Gillette, N. C.	65. 81	129. 45	187. 29	237. 57	620. 12
39	Brownell, J. A.	64. 11	127. 36	184. 74	242. 08	618. 29
40	Shine, T.	59. 28	123. 91	186. 74	248. 30	618. 23
41	Dudley, R.	62. 49	127. 41	188. 12	239. 47	617. 49
*m*42	Geisenhoff, N. H.	64. 82	128. 65	192. 22	231. 70	617. 39
43	Wild, L.	63. 60	126. 12	182. 75	243. 64	616. 11
44	Gray, L. R.	63. 97	126. 70	189. 79	234. 99	615. 45
45	Fenn, H. K.	66. 73	129. 09	184. 50	234. 27	614. 59
46	Hull, G. D.	64. 58	128. 25	181. 74	239. 15	613. 72
47	Brenner, J. E.	57. 82	126. 29	182. 31	246. 65	613. 07
48	Geer, S. H.	61. 10	123. 83	185. 60	241. 59	612. 12
49	Hendren, P.	62. 91	127. 96	185. 72	235. 00	611. 59
50	Todd, C. C., jr.	59. 04	119. 76	188. 37	244. 22	611. 39
51	Briggs, H. M.	61. 31	127. 83	182. 77	239. 35	611. 26
52	Cassard, P.	61. 09	121. 84	182. 56	244. 09	609. 58
53	Henry, W. O.	63. 06	126. 43	178. 36	241. 57	609. 42
54	Pearse, C. L.	60. 42	125. 23	182. 06	240. 20	607. 91
55	Kates, J. M.	61. 03	125. 13	188. 02	232. 45	606. 63
56	Hull, C. T.	59. 93	123. 42	183. 53	239. 55	606. 43
57	Berrien, T. G.	60. 29	125. 02	176. 99	242. 78	605. 08
58	Henderson, J. R.	58. 84	123. 08	183. 09	239. 38	604. 39
59	Zemke, E. F.	59. 92	119. 95	184. 56	239. 68	604. 11
60	Tisdale, G. M.	60. 93	121. 73	183. 55	237. 76	603. 97
61	O'Keefe, E. J.	59. 16	122. 26	179. 69	241. 81	602. 92
62	Hunt, B. T.	64. 03	122. 57	180. 43	234. 86	601. 89
63	Wright, W. L.	57. 78	115. 60	182. 21	246. 18	601. 77
*qr*64	Clarkson, H. S.	59. 24	123. 08	178. 69	239. 98	600. 99
65	Bryan, H. V.	62. 35	121. 14	179. 42	237. 41	600. 32
*qr*66	Sleeper, P. D. V.	64. 45	127. 12	178. 68	229. 19	599. 44
67	Vanderkloot, E. L.	64. 67	124. 00	175. 38	234. 33	598. 38
68	Ruble, W. J.	60. 82	124. 90	181. 21	231. 41	598. 34
69	Palmer, J. R.	61. 63	123. 66	184. 08	228. 49	597. 86
70	Hill, J. L. V.	63. 71	126. 05	177. 32	229. 69	596. 77
71	Davis, H. C.	61. 66	125. 61	175. 54	233. 07	595. 88
72	Grayson, R. H.	59. 94	120. 54	179. 25	234. 98	594. 71
73	Thompson, T. B.	63. 32	119. 24	179. 32	232. 07	593. 95
74	Hall, J. L.	62. 94	119. 47	172. 15	238. 98	593. 54

Merit roll for the four years' course of the midshipmen of the first class, 140 members—annual examination, June, 1913—Continued.

Order of merit.	Names.	First year.	Second year.	Third year.	Fourth year.	General aggregate for four years.
	Maxima	80	160	240	320	800
75	Du Bose, L. T.	60. 14	115. 77	180. 03	236. 89	592. 83
76	Strong, J. H.	62. 40	124. 59	180. 87	224. 88	592. 74
77	Robinson, A. G.	59. 68	120. 81	179. 29	232. 43	592. 21
78	Dillingham, F. W.	62. 52	122. 96	174. 80	231. 58	591. 86
q79	Skinner, H. G., jr.	57. 28	119. 90	183. 02	230. 43	590. 63
80	Doyle, W. E.	59. 89	115. 36	174. 36	240. 95	590. 56
81	Page, H. B.	59. 39	117. 16	182. 57	229. 74	588. 86
82	Hintze, K. E.	58. 34	121. 77	179. 30	229. 22	588. 63
83	Junkin, G. B.	55. 14	121. 49	174. 53	235. 83	586. 99
84	Meek, W. W.	59. 99	116. 41	177. 32	233. 25	586. 97
85	Miller, J. McC.	61. 01	122. 93	171. 25	231. 27	586. 46
86	Downes, O. L.	61. 72	119. 66	171. 72	232. 55	585. 65
87	Davis, E.	61. 50	118. 56	173. 63	231. 95	585. 64
88	Gellerstedt, H. R.	56. 95	122. 34	177. 76	228. 56	585. 61
89	Parrish, C. J.	57. 49	120. 50	178. 68	228. 63	585. 30
90	Powell, P. P.	59. 45	119. 34	178. 01	227. 34	584. 14
91	Pfaff, R.	59. 46	120. 02	174. 98	229. 52	583. 98
92	Lingo, B. H.	59. 17	118. 39	175. 16	231. 24	583. 96
93	Quinlan, E. H.	59. 44	119. 60	174. 81	229. 60	583. 45
94	Roth, L. J.	59. 87	120. 70	176. 46	225. 85	582. 88
95	Dale, G. S.	57. 57	121. 61	180. 55	222. 95	582. 68
96	Withers, C.	61. 07	119. 18	176. 66	225. 66	582. 57
97	Moore, S. N.	62. 12	117. 39	176. 24	226. 53	582. 28
98	Craven, T. A. M.	56. 55	115. 45	174. 56	235. 45	582. 01
99	Bray, S. E.	62. 38	120. 01	169. 87	229. 40	581. 66
100	Hatch, W. G. B.	61. 25	120. 12	171. 73	227. 18	580. 28
101	Walton, A. S.	59. 23	124. 17	175. 36	220. 94	579. 70
102	Searles, P. J.	58. 85	117. 94	168. 02	233. 38	578. 19
103	Thurston, S. S.	60. 16	116. 96	174. 74	225. 82	577. 68
104	Dunn, A. W., jr.	61. 46	118. 59	170. 00	227. 22	577. 27
105	Wood, V.	58. 55	118. 08	172. 37	227. 15	576. 15
106	Ransom, P. C.	55. 89	115. 67	173. 08	231. 32	575. 96
107	Thebaud, L. H.	62. 00	119. 68	168. 35	225. 90	575. 93
108	Lee, J. A.	59. 17	117. 88	174. 31	223. 51	574. 87
109	Babbitt, L. L.	58. 81	114. 57	168. 93	232. 41	574. 72
110	Seiller, H. A.	57. 37	116. 92	172. 21	228. 10	574. 60
111	Webb, J. R.	62. 64	117. 44	169. 28	222. 88	572. 24

Merit roll for the four years' course of the midshipmen of the first class, 140 members—annual examination, June, 1913—Continued.

Order of merit.	Names.	First year.	Second year.	Third year.	Fourth year.	General aggregate for four years.
	Maxima	80	160	240	320	800
112	Donahue, A. H	55.72	113.32	176.08	225.41	570.53
113	Pillsbury, H. W	58.98	115.20	169.31	226.88	570.37
114	Jones, J. D	56.78	112.03	171.85	229.32	569.98
115	Cochran, W	59.76	117.70	168.40	224.03	569.89
116	Masek, W	58.13	114.72	170.59	225.67	569.11
117	McGuire, T. W	57.78	115.62	172.40	221.92	567.22
118	Timberlake, J. B	58.62	112.60	166.14	229.44	566.80
119	McCawley, E. S	59.44	116.37	167.28	223.57	566.66
120	Clarke, L. W	58.14	114.80	172.18	220.76	565.88
121	Pickering, L. D	59.37	115.64	167.73	222.10	564.84
122	Kirkpatrick, R. D	54.68	111.44	170.00	228.44	564.56
*qr*123	Pendleton, A	58.63	126.93	159.55	218.86	563.97
124	Hudson, M	57.30	116.24	167.06	221.85	562.45
*r*125	O'Neal, K	55.11	117.35	168.68	220.22	561.36
126	Haas, A. L	54.97	113.70	171.63	220.92	561.22
127	Hutchins, G	55.68	111.88	167.89	225.66	561.11
128	Marcus, A	56.97	111.36	168.50	223.78	560.61
129	Conger, F. B., jr	56.55	107.15	174.13	222.77	560.60
130	Floyd, H. F	56.36	115.32	164.73	222.90	559.31
131	Ard, L. B	60.98	113.63	166.64	215.96	557.21
132	Asserson, R	60.01	114.19	161.44	220.18	555.82
133	Hoffman, J. H	58.41	111.48	163.48	221.23	554.60
*sq*134	Agrell, L. R	56.12	112.59	165.18	220.45	554.34
135	Smith, J. H	56.21	115.02	161.47	221.19	553.89
*qr*136	Austin, C. L	55.47	109.70	166.56	221.51	553.24
137	Lee, D. R	54.44	112.27	167.16	218.96	552.83
138	Parmelee, H. P	54.28	109.16	163.46	217.55	544.45
*hp*139	McKee, F. W	56.43	107.44	162.03	216.96	542.86
*m*140	Valentine, R. J	55.02	109.41	160.01	204.16	528.60

Merit roll of the midshipmen of the graduating class for the last year of the academic course—annual examination, June, 1913—140 members.

Order of general merit.	Names.	Seamanship.	Ordnance.	Navigation.	Naval construction.	Engineering mechanics.	Marine engineering.	Electrical engineering.	Modern languages.	Hygiene.	Efficiency.	Practice cruise.	Demerits (subtract).	Aggregate for fourth year.
	Maxima	24	56	52	14	22	24	48	12	4	32	32	15	320
*1	**Andrews, G. A.**	20.46	50.72	47.20	12.36	18.10	20.82	42.42	10.40	3.44	28.72	31.44	0	286.08
*2	**Blandy, W. H. P.**	19.62	51.26	46.48	12.57	19.80	21.84	44.04	10.78	3.85	26.40	31.28	2.50	285.42
*3	**Gayhart, E. Le R.**	20.46	51.18	47.07	12.43	19.42	21.00	45.06	10.33	3.94	27.36	26.80	0	285.05
*4	**Jones, J. C., jr.**	18.90	49.42	48.02	12.46	19.58	21.18	40.80	10.85	2.67	28.16	28.80	1.50	279.34
*5	**Abbott, H. L.**	19.68	48.36	44.25	12.29	18.10	21.42	43.98	10.30	3.73	26.40	30.80	1.50	277.81
6	Searles, T. M.	18.30	47.80	44.93	12.57	20.08	21.60	42.78	8.75	3.68	22.40	27.76	0	270.65
7	Leighton, B. G.	19.38	45.78	44.28	11.66	18.70	20.82	41.64	9.80	2.83	26.40	29.20	0	270.49
sq 8	Woodside, E. L.	18.54	49.94	44.03	11.45	18.26	21.24	41.40	8.30	2.89	28.08	27.84	2.00	269.97
9	Enright, E. F.	19.68	48.20	44.39	12.01	20.13	21.30	44.10	9.34	3.38	22.80	26.40	2.50	269.23
10	Davis, G. B.	19.92	46.72	42.83	11.20	17.77	18.78	41.22	9.15	3.15	26.48	29.68	0	266.90
11	Keisker, H. E.	19.44	47.14	40.55	12.01	17.93	19.92	39.30	9.72	3.61	27.76	29.20	0	266.58
12	Crisp, F. G.	19.44	46.60	41.07	11.83	17.66	19.98	37.50	8.63	3.23	27.76	29.60	0	263.30
13	Want, C. H.	19.80	45.80	42.50	11.17	16.94	19.20	41.46	8.68	3.86	27.60	25.36	1.50	260.87
14	Ingraham, C. N.	18.78	45.92	42.75	11.20	17.71	19.86	40.62	9.40	2.96	25.36	26.88	1.50	259.94
15	Wilson, R. J.	18.30	44.26	42.27	11.52	18.04	19.38	39.18	8.39	3.91	26.32	26.72	0	258.29
16	McFeaters, C. P.	18.84	44.74	41.38	11.73	17.55	18.78	38.52	9.05	3.88	27.28	27.92	1.50	258.17
17	Dunbar, P. H., jr.	19.14	46.54	42.07	11.59	17.77	17.76	38.46	9.15	3.00	23.04	28.32	2.50	254.34
18	Hoard, C. E.	18.84	45.26	40.09	11.94	18.21	20.58	38.70	8.44	3.15	21.68	27.28	0	254.17
19	Pickhardt, A. von S.	18.78	45.18	38.38	11.80	15.62	21.00	35.58	8.17	2.74	28.08	28.72	0	254.05

20	Knight, R. H	18.96	43.54	41.61	10.68	16.23	17.40	35.94	8.05	3.51	26.40	28.64	0	250.96
21	Stevens, P. A	17.82	44.34	41.00	10.96	17.44	20.10	37.92	8.93	3.93	23.68	27.12	2.50	250.74
22	Bryant, S. F	17.04	43.94	39.41	11.27	16.56	17.58	37.14	8.82	3.34	24.88	30.24	0	250.22
23	White, H. L	19.26	45.02	39.42	10.96	17.16	19.02	38.70	8.27	3.19	23.36	27.28	1.50	250.14
*qs*24	Foutz, C. L	18.36	45.12	40.98	11.20	16.56	18.12	36.60	8.74	2.95	25.04	27.12	1.50	249.29
25	Van Valzah, H. C	18.60	44.36	41.76	10.78	17.77	16.80	37.86	8.11	2.51	26.96	26.88	4.00	248.39
26	Shine, T	18.72	43.96	40.01	10.82	16.06	19.14	38.22	8.69	2.84	23.84	26.00	0	248.30
27	Jupp, W. B	18.30	39.96	39.37	11.38	16.34	18.96	39.24	7.88	3.35	25.60	27.84	0	248.22
28	Wallace, K. R. R	18.84	44.44	43.18	10.64	18.48	16.98	39.42	8.52	3.28	24.08	24.32	4.00	248.18
29	Shock, T. M	18.06	43.70	40.13	11.31	15.24	19.26	36.60	9.45	3.83	24.56	27.20	1.50	247.84
30	Mathews, J. T	19.26	45.22	41.13	10.61	17.16	17.88	34.68	9.07	2.56	24.72	26.24	1.50	247.03
31	Daughtry, R. B	18.06	43.16	39.69	11.03	16.61	18.06	37.38	8.98	2.60	23.68	28.96	1.50	246.71
32	Brenner, J. E	18.12	43.52	40.23	11.13	17.16	17.82	37.86	8.44	2.95	24.48	27.44	2.50	246.65
33	Seibert, W	17.94	43.44	38.11	10.96	16.89	18.66	36.96	7.98	3.33	24.88	28.96	1.50	246.61
34	Wright, W. L	18.12	41.84	38.97	10.36	17.11	19.80	38.46	7.66	3.30	23.60	26.96	0	246.18
35	Causey, W. I., jr	17.64	46.42	39.56	11.52	17.88	19.80	38.76	9.69	3.67	23.36	27.28	10.00	245.58
36	Greene, G. L., jr	18.12	43.74	38.76	11.03	16.01	17.10	35.64	8.43	3.06	26.80	26.64	0	245.33
37	Johnston, F. L	18.48	42.74	39.84	11.24	17.55	17.46	35.82	9.11	3.80	23.52	27.04	1.50	245.10
38	Todd, C. C., jr	17.40	41.40	40.83	10.64	14.96	17.46	38.16	8.43	2.56	26.40	28.48	2.50	244.22
39	Cassard, P	18.24	42.38	40.36	11.13	17.00	17.76	36.60	8.53	3.49	25.12	28.48	5.00	244.09
40	Venable, R. S. H	19.32	45.00	39.25	10.96	17.38	19.02	37.08	8.77	2.92	21.44	27.92	5.00	244.06
41	Wild, L	18.24	41.80	40.16	10.99	16.67	18.90	36.42	8.66	2.50	25.20	25.60	1.50	243.64
42	Berrien, T. G	17.58	40.52	39.29	10.33	17.05	17.16	35.58	10.37	3.14	24.16	27.60	0	242.78
43	Helmick, C. G	18.30	41.62	38.78	11.10	16.17	18.18	36.18	10.09	3.77	23.44	27.28	2.50	242.41
44	Brownell, J. A	17.58	42.72	39.48	10.78	15.07	17.88	36.30	8.70	3.49	23.12	26.96	0	242.08
45	Wolf, G. W	18.84	45.50	39.34	11.24	16.50	18.78	36.72	8.93	3.57	24.16	28.24	10.00	241.82

Merit roll of the midshipmen of the graduating class for the last year of the academic course—annual examination, June, 1913—140 members—Contd.

Order of general merit.	Names.	Seamanship.	Ordnance.	Navigation.	Naval construction.	Engineering mechanics.	Marine engineering.	Electrical engineering.	Modern languages.	Hygiene.	Efficiency.	Practice cruise.	Demerits (subtract).	Aggregate for fourth year.
	Maxima	24	56	52	14	22	24	48	12	4	32	32	15	320
46	O'Keefe, E. J	17.76	43.34	38.13	10.61	16.78	17.88	36.18	9.14	2.57	23.68	28.24	2.50	241.81
47	Geer, S. H	18.42	41.54	39.42	10.92	16.67	19.20	34.56	7.41	3.15	25.12	27.68	2.50	241.59
48	Henry, W. O	18.06	42.66	40.19	10.89	17.77	17.58	33.24	8.39	3.41	24.00	26.88	1.50	241.57
49	Doyle, W. E	17.46	41.68	39.40	10.85	16.78	17.04	36.06	8.41	3.65	23.04	28.08	1.50	240.95
50	Pearse, C. L	17.34	42.78	36.85	10.99	15.07	19.38	36.06	8.86	3.85	23.20	28.32	2.50	240.20
*q*51	Clarkson, H. S	17.64	41.30	38.83	10.75	15.73	16.98	35.28	8.09	2.58	24.24	28.56	0	239.98
52	Zemke, E. F	19.14	45.38	41.55	11.34	15.90	18.84	35.40	8.16	2.85	22.64	28.48	10.00	239.68
53	Hull, C. T	18.24	41.94	35.57	10.47	15.68	18.00	34.80	8.65	3.80	25.12	27.28	0	239.55
54	Dudley, R	17.88	43.74	39.11	11.13	16.94	17.94	35.52	8.13	3.40	22.40	27.28	4.00	239.47
55	Henderson, J. R	18.24	43.60	39.54	11.13	16.17	18.48	36.78	7.67	2.63	21.68	24.96	1.50	239.38
56	Briggs, H. M	17.94	40.34	40.18	9.73	15.62	17.40	37.38	8.59	3.23	23.44	28.00	2.50	239.35
57	Hull, G. D	17.88	40.76	37.69	10.40	16.56	19.68	35.16	7.95	3.13	25.60	25.84	1.50	239.15
58	Hall, J. L	18.36	40.84	38.93	10.22	14.96	17.16	33.24	9.89	3.14	25.36	26.88	0	238.98
59	Tisdale, G. M	18.24	44.50	38.46	10.68	17.05	17.40	34.86	8.53	2.80	23.68	26.56	5.00	237.76
60	Gillette, N. C	17.58	41.12	36.43	10.50	15.24	18.30	33.12	8.56	3.76	25.68	27.28	0	237.57
61	Bryan, H. V	17.52	42.70	39.16	10.78	16.56	17.10	34.62	7.90	2.81	23.60	30.16	5.50	237.41
62	Du Bose, L. T	18.18	42.08	40.47	10.43	14.85	16.56	35.04	8.05	3.09	23.36	27.28	2.50	236.89
63	Junkin, G. B	18.72	40.92	38.83	10.15	17.33	18.84	36.00	8.02	2.78	22.56	25.68	4.00	235.83
64	Craven, T. A. M	17.34	39.78	38.77	10.40	14.96	17.16	35.76	8.55	2.55	22.80	28.88	1.50	235.45

65	Hendren, P.	18.30	40.64	37.81	10.08	15.51	17.82	33.30	8.71	3.39	23.20	26.24	0	235.00
66	Gray, L. R.	18.42	44.30	40.71	11.03	16.34	19.26	36.12	7.78	3.07	20.64	26.32	9.00	234.99
67	Grayson, R. H.	18.00	40.76	37.52	9.98	16.45	17.16	33.00	8.81	2.76	27.12	25.92	2.50	234.98
68	Hunt, B. T.	18.24	42.72	41.42	9.70	18.15	17.52	35.04	9.96	3.07	20.00	23.04	4.00	234.86
69	Vanderkloot, E. L.	17.10	40.40	37.07	10.05	15.95	16.26	33.30	7.86	3.22	25.28	27.84	0	234.33
70	Fenn, H. K.	16.86	42.98	39.50	10.40	15.84	16.08	34.92	8.91	3.66	24.08	25.04	4.00	234.27
71	Searles, P. J.	17.16	43.06	39.27	9.98	17.77	17.16	34.02	8.84	3.78	21.92	25.92	5.50	233.38
72	Meek, W. W.	17.94	43.66	35.60	9.98	16.34	17.28	35.04	8.30	3.45	24.48	23.68	2.50	233.25
73	Davis, H. C.	19.20	40.90	37.59	10.75	14.96	16.92	34.14	8.83	2.74	23.12	27.92	4.00	233.07
74	Downes, O. L.	18.00	39.06	36.28	10.36	16.72	17.64	33.18	8.02	2.67	27.04	26.08	2.50	232.55
75	Kates, J. M.	18.12	40.40	38.16	10.36	15.95	18.06	35.88	7.98	3.78	23.28	24.48	4.00	232.45
76	Robinson, A. G.	17.66	41.20	37.12	9.49	15.95	16.98	34.80	8.51	3.60	22.88	24.24	0	232.43
77	Babbitt, L. L.	17.10	39.56	33.91	10.43	15.95	17.22	34.74	7.97	2.97	24.32	28.24	0	232.41
78	Thompson, T. B.	17.94	40.52	36.06	10.71	15.57	17.94	34.08	9.46	3.41	24.08	24.80	2.50	232.07
79	Davis, E.	16.68	40.32	38.04	10.47	16.45	16.38	32.52	9.34	2.65	23.92	27.68	2.50	231.95
*m*80	Geisenhoff, N. H.	18.48	43.92	40.93	10.82	17.93	18.42	36.96	8.82	3.62	20.64	24.16	13.00	231.70
81	Dillingham, F. W.	19.08	42.12	40.67	9.45	14.80	16.74	37.56	9.84	3.42	19.84	24.56	6.50	231.58
82	Ruble, W. J.	17.22	40.60	37.05	10.08	16.39	17.58	33.72	8.25	3.22	23.68	25.12	1.50	231.41
83	Ransom, P. C.	17.62	40.35	35.43	9.98	14.63	18.90	33.75	9.49	3.15	23.52	26.00	1.50	231.32
84	Miller, J. McC.	18.72	40.74	35.84	10.19	14.19	17.40	34.50	9.53	3.44	23.60	27.12	4.00	231.27
85	Lingo, B. H.	17.88	38.84	36.07	10.47	15.35	18.96	34.02	8.02	2.85	24.64	26.64	2.50	231.24
*q*86	Skinner, H. G., jr.	17.16	39.52	35.22	10.05	15.24	18.42	34.20	8.12	3.80	23.60	27.60	2.50	230.43
87	Page, H. B.	17.40	39.38	36.03	10.15	14.63	16.08	34.92	8.25	3.40	24.00	28.00	2.50	229.74
88	Hill, J. L. V.	17.40	39.14	35.80	10.05	16.23	17.10	33.18	8.49	3.10	23.60	25.60	0	229.69
89	Quinlan, E. H.	16.86	38.84	35.63	10.54	16.12	17.22	33.42	7.97	2.74	23.60	28.16	1.50	229.60
90	Pfaff, R.	18.12	40.14	36.30	10.96	15.18	18.06	34.20	7.81	2.61	21.92	26.72	2.50	229.52

Merit roll of the midshipmen of the graduating class for the last year of the academic course—annual examination, June, 1913—140 members—Contd.

Order of general merit.	Names.	Seamanship.	Ordnance.	Navigation.	Naval construction.	Engineering mechanics.	Marine engineering.	Electrical engineering.	Modern languages.	Hygiene.	Efficiency.	Practice cruise.	Demerits (subtract).	Aggregate for fourth year.
	Maxima	24	56	52	14	22	24	48	12	4	32	32	15	320
91	Timberlake, J. B	17.58	41.52	39.49	9.80	16.45	16.56	35.46	7.88	3.00	23.76	25.44	7.50	229.44
92	Bray, S. E	16.26	39.92	35.84	10.40	15.57	16.50	31.38	10.22	2.79	23.20	30.32	3.00	229.40
93	Jones, J. D	17.88	39.72	35.70	9.77	15.68	16.20	32.46	7.72	2.51	24.72	26.96	0	229.32
94	Hintze, K. E	17.34	38.62	37.04	11.06	15.13	16.86	34.68	8.13	2.88	24.24	26.24	3.00	229.22
*qr*95	Sleeper, P. D. V	17.52	41.14	36.57	10.64	15.07	17.34	34.38	9.15	3.84	21.44	27.60	5.50	229.19
96	Parrish, C. J	16.62	42.38	36.95	9.42	14.96	16.26	34.32	7.80	2.50	22.40	27.52	2.50	228.63
97	Gellerstedt, H. R	18.12	39.88	37.57	10.22	14.36	17.58	35.46	8.25	3.48	23.04	25.60	5.00	228.56
98	Palmer, J. R	16.62	41.86	36.70	9.52	16.83	16.44	31.80	8.32	2.72	23.92	27.76	4.00	228.49
99	Kirkpatrick, R. D	17.28	41.28	35.98	10.68	17.49	16.80	31.44	7.74	2.65	24.00	25.60	2.50	228.44
100	Seiller, H. A	17.46	38.82	35.62	10.26	14.47	17.04	33.48	8.74	2.95	23.68	28.08	2.50	228.10
101	Powell, P. P	17.10	40.44	35.06	10.12	16.56	17.82	32.46	8.78	3.18	23.28	25.04	2.50	227.34
102	Dunn, A. W., jr	17.22	39.32	37.62	9.56	14.91	16.26	33.54	8.22	3.95	22.24	26.88	2.50	227.22
103	Hatch, W. G. B	17.58	38.60	36.01	10.22	15.57	17.16	32.04	7.93	2.63	23.28	26.16	0	227.18
104	Wood, V	17.28	39.32	34.01	10.43	13.75	16.74	32.04	7.58	3.60	24.96	27.44	0	227.15
105	Pillsbury, H. W	17.22	41.96	36.66	9.80	15.95	17.40	32.52	7.85	2.56	23.36	25.60	4.00	226.88
106	Moore, S. N	17.46	38.60	36.40	9.63	15.68	15.78	33.72	7.67	2.65	23.68	27.76	2.50	226.53
107	Thebaud, L. H	18.17	37.80	33.99	9.91	14.91	16.18	31.35	10.79	2.74	24.08	28.48	2.50	225.90
108	Roth, L. J	17.40	40.98	35.02	9.94	15.24	17.16	35.10	8.17	2.94	22.96	25.44	4.50	225.85
109	Thurston, S. S	16.98	39.94	36.81	9.84	14.30	17.34	33.12	7.72	2.59	23.84	25.84	2.50	225.82

110	Masek, W.	16.86	39.00	34.12	10.78	14.74	17.16	31.20	7.72	3.85	22.00	28.24	0	225.67
111	Hutchins, G.	17.64	38.76	36.37	10.12	15.73	16.02	32.76	7.97	3.19	23.36	26.24	2.50	225.66
111	Withers, C.	17.34	39.52	36.02	10.12	15.79	17.52	34.68	8.43	2.86	24.96	25.92	7.50	225.66
113	Donahue, A. H.	17.34	38.34	37.55	9.87	14.96	16.44	32.94	8.39	3.82	22.64	27.12	4.00	225.41
114	Strong, J. H.	16.86	40.84	36.17	10.15	15.68	17.58	32.76	8.59	3.01	21.20	27.04	5.00	224.88
115	Cochran, W.	16.68	38.60	35.11	10.26	15.07	16.68	31.80	8.78	2.75	22.88	27.92	2.50	224.03
116	Marcus, A.	17.64	41.36	35.86	9.73	15.18	17.46	31.80	7.71	2.50	23.52	23.52	2.50	223.78
117	McCawley, E. S.	17.40	38.32	34.09	10.22	15.68	17.34	32.58	7.83	2.61	23.60	26.40	2.50	223.57
118	Lee, J. A.	18.36	39.42	36.04	9.42	14.08	15.78	32.64	8.70	2.93	23.20	25.44	2.50	223.51
119	Dale, G. S.	17.10	42.44	37.51	10.36	15.62	17.70	34.38	7.92	2.50	21.12	28.80	12.50	222.95
120	Floyd, H. F.	17.64	39.28	34.75	9.94	15.46	16.02	32.28	8.42	2.87	23.92	22.32	0	222.90
121	Webb, J. R.	17.22	40.46	35.20	10.47	15.07	15.66	31.80	7.73	3.13	23.84	24.80	2.50	222.88
122	Conger, F. B., jr.	16.86	39.76	35.73	10.47	14.69	18.24	31.80	7.84	2.50	22.24	26.64	4.00	222.77
123	Pickering, L. D.	17.22	38.66	34.74	9.66	14.47	17.58	30.30	7.65	2.72	23.84	27.76	2.50	222.10
124	McGuire, T. W.	18.30	39.22	34.74	10.01	14.85	16.44	32.22	7.78	2.76	23.60	26.00	4.00	221.92
125	Hudson, M.	17.76	38.90	34.44	10.08	15.68	16.02	31.62	8.37	3.24	21.84	26.40	2.50	221.85
*qr*126	Austin, C. L.	16.92	37.98	35.86	10.89	14.58	17.04	33.24	8.12	2.60	22.56	26.72	5.00	221.51
127	Hoffman, J. H.	17.28	39.12	35.85	10.22	14.36	16.32	31.80	7.96	2.94	21.92	24.96	1.50	221.23
128	Smith, J. H.	17.10	37.20	35.10	10.15	13.26	18.12	33.60	8.70	2.84	20.80	24.32	0	221.19
129	Walton, A. S.	18.30	38.88	34.68	10.01	15.68	16.26	32.04	8.05	3.08	23.12	25.84	5.00	220.94
130	Haas, A. L.	18.42	39.52	37.21	10.40	15.13	16.80	33.30	8.60	3.56	19.84	24.64	6.50	220.92
131	Clarke, L. W.	16.98	41.50	36.58	9.38	15.46	16.68	32.58	8.30	2.58	22.32	28.40	10.00	220.76
*sq*132	Agrell, L. R.	16.44	37.90	34.38	10.01	14.19	16.86	32.46	8.35	3.24	22.72	26.40	2.50	220.45
*r*133	O'Neal, K.	17.04	41.12	36.72	9.87	15.29	16.56	33.06	7.96	2.88	21.76	22.96	5.00	220.22
134	Asserson, R.	17.82	38.52	34.16	9.84	14.52	16.14	31.98	7.68	3.78	22.16	26.08	2.50	220.18
135	Lee, D. R.	17.58	37.64	34.98	9.56	15.62	16.56	32.16	7.79	2.63	22.68	25.76	4.00	218.96

Merit roll of the midshipmen of the graduating class for the last year of the academic course—annual examination, June, 1913—140 members—Contd.

Order of general merit.	Names.	Seamanship.	Ordnance.	Navigation.	Naval construction.	Engineering mechanics.	Marine engineering.	Electrical engineering.	Modern languages.	Hygiene.	Efficiency.	Practice cruise.	Demerits (subtract).	Aggregate for fourth year.
	Maxima	24	56	52	14	22	24	48	12	4	32	32	15	320
*qr*136	Pendleton, A.	16.26	39.52	36.75	9.38	14.52	15.06	32.04	7.89	3.38	21.84	24.72	2.50	218.86
137	Parmelee, H. P.	16.68	38.54	34.27	9.77	15.13	15.54	31.14	7.96	2.62	23.68	24.72	2.50	217.55
*hp*138	McKee, F. W.	17.52	37.16	36.42	9.49	14.25	15.42	29.76	7.65	3.55	23.60	26.64	4.50	216.96
139	Ard, L. B.	16.50	37.74	34.24	9.91	14.91	15.30	31.92	7.84	3.34	21.44	28.32	5.50	215.96
*m*140	Valentine, R. J.	17.40	37.32	34.43	8.75	14.08	15.06	31.32	7.98	3.24	19.36	22.72	7.50	204.16

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Order of general merit.	Names.	Ordnance.	Navigation.	Principles of mechanism.	Marine engines and boilers.	Mechanics.	Electrical engineering.	English.	Languages.	Efficiency.	Practice cruise.	Total.	Demerits (subtract).	Aggregate for year.
	Maxima	12	32	28	32	28	40	12	16	20	20	240	.....	240
*1	**Ellsberg, E.**	10.98	29.44	25.76	28.88	25.90	38.30	10.95	15.16	14.45	16.70	216.52	0.85	215.67
*2	**Cochrane, E. L.**	10.41	28.80	24.92	28.24	24.29	36.50	10.14	14.24	17.30	19.60	214.44	.45	213.99
*3	**Davis, N.**	10.71	28.24	25.13	29.52	25.06	36.60	9.54	13.44	16.20	17.95	212.39	0	212.39
*4	**Ferrell, R. W.**	10.59	28.16	24.92	29.04	24.99	35.80	9.42	14.80	15.50	18.00	211.22	0	211.22
*5	**Bayley, W. W.**	10.71	27.92	24.78	28.16	23.73	36.00	9.81	14.72	15.60	18.75	210.18	1.15	209.03
*6	**Royce, D.**	9.24	27.36	25.20	27.20	26.60	36.95	10.32	14.00	15.10	16.15	208.12	.40	207.72
*7	**Manning, G. C.**	9.15	27.92	23.80	26.56	24.71	36.60	10.77	15.20	15.65	16.65	207.01	0	207.01
*8	**Pelton, F. E.**	9.63	27.92	25.13	26.80	25.55	35.50	9.69	13.52	15.15	17.80	206.69	.10	206.59
9	Marron, A. R.	9.60	27.20	23.73	26.72	23.31	35.15	9.42	13.38	15.55	17.70	201.76	0	201.76
10	Jones, C. H.	9.45	27.44	23.52	27.12	23.80	34.65	10.20	13.26	14.50	16.70	200.64	.5	200.59
11	Fry, C. D.	10.53	25.28	24.29	28.16	21.70	34.70	10.05	13.78	15.10	16.15	199.74	.45	199.29
12	Laycock, J. N.	9.33	25.60	22.33	26.64	24.08	33.40	8.58	14.44	16.35	18.10	198.85	1.20	197.65
13	Carey, C. B. C.	9.81	26.32	23.03	26.24	22.33	33.60	10.05	13.24	15.10	18.15	197.87	.40	197.47
14	Nelson, G. W.	9.87	25.12	23.31	26.32	22.40	32.10	9.63	12.84	16.20	19.35	197.14	.05	197.09
15	McGuigan, J. L.	9.45	27.04	24.78	25.84	24.57	34.45	8.34	11.60	13.70	17.25	197.02	.05	196.97
16	Vinson, T. N.	10.05	25.68	23.73	27.12	21.21	34.90	9.84	13.02	15.50	16.30	197.35	.85	196.50
17	Samson, H. P.	9.27	25.76	23.52	25.68	25.27	33.90	9.90	13.60	14.45	16.55	197.90	2.00	195.90
18	Bryant, C. F.	9.42	26.08	23.24	25.76	22.89	31.50	9.51	13.32	15.25	19.00	195.97	.85	195.12
19	Winslow, J. S.	8.94	26.00	22.75	24.88	23.03	33.30	9.78	14.46	15.05	16.50	194.69	.45	194.24
20	Larson, W. J.	8.85	27.20	22.82	26.80	22.12	32.55	8.94	12.38	15.20	17.20	194.06	.5	194.01

Merit roll of the present first class for the third year of the academic course—annual examination, June, 1913—157 members—Continued.

Order of general merit.	Names.	Ordnance.	Navigation.	Principles of mechanism.	Marine engines and boilers.	Mechanics.	Electrical engineering.	English.	Languages.	Efficiency.	Practice cruise.	Total.	Demerits (subtract).	Aggregate for year.
	Maxima	12	32	28	32	28	40	12	16	20	20	240	.....	240
21	Buchanan, J. H.	9.78	26.00	23.03	25.12	22.40	32.45	8.76	12.52	15.55	18.35	193.96	0.5	193.91
22	Tawresey, A. P. H.	9.99	24.40	22.26	26.56	21.77	34.00	9.93	13.32	15.40	16.60	194.23	.45	193.78
23	Earle, F. M.	9.39	25.76	22.96	24.72	23.73	34.55	9.69	12.56	14.95	17.60	195.91	2.50	193.41
24	Neiley, G. F.	9.24	25.20	23.73	24.72	22.33	33.10	8.94	12.66	16.30	18.30	194.52	1.25	193.27
25	Lowe, F. L.	8.85	25.44	22.54	26.32	21.84	33.20	8.76	12.26	14.70	18.55	192.46	.5	192.41
26	Ruddock, T. D., jr.	9.69	26.40	22.26	25.60	21.63	33.50	8.31	13.68	14.80	17.20	193.07	.75	192.32
27	Malloy, W. E.	10.02	25.68	23.45	27.20	21.00	33.55	8.79	11.38	14.85	16.30	192.22	.45	191.77
28	Spanagel, H. A.	9.66	24.64	23.87	25.28	23.66	33.00	8.61	11.62	14.65	16.60	191.59	0	191.59
29	Hale, J. I.	9.63	24.72	21.56	26.40	20.37	33.50	9.93	13.72	14.80	16.90	191.53	0	191.53
30	Percival, F. G.	9.33	24.08	21.84	25.52	22.47	32.20	9.78	13.58	15.50	17.30	191.60	.85	190.75
31	Black, J. D.	9.33	25.12	22.89	24.64	22.05	31.60	9.72	13.88	13.95	18.35	191.53	.85	190.68
32	Harrill, W. K.	9.75	24.96	23.73	27.44	22.61	34.45	8.94	13.56	14.25	16.10	195.79	5.35	190.44
33	Westfall, T. D.	9.09	26.00	22.12	25.04	23.38	33.55	9.36	12.40	14.15	15.90	190.99	.85	190.14
34	Addoms, A. H.	9.57	23.92	23.24	25.20	21.91	30.25	9.72	12.98	16.05	17.25	190.09	.5	190.04
35	Wicks, Z. W.	9.87	26.64	21.98	27.12	21.77	31.70	9.06	10.94	14.50	16.45	190.03	.75	189.28
36	Quarles, S. H.	9.87	23.36	21.77	25.36	21.84	32.60	9.51	13.88	14.85	16.20	189.24	0	189.24
37	Berry, A. G., jr.	9.54	24.72	21.56	24.72	22.61	30.40	9.12	12.94	15.25	17.65	188.51	0	188.51
38	Balsley, A. H.	9.90	24.72	22.40	25.76	20.30	31.30	9.36	12.56	15.95	17.25	189.50	1.30	188.20
39	Dugger, G. W., jr.	9.30	23.68	21.70	26.48	22.26	32.75	8.73	11.98	15.00	17.40	189.28	1.30	187.98
39	Redman, J. R.	9.24	24.48	22.33	25.28	22.05	36.45	8.55	12.30	15.50	15.55	191.73	3.75	187.98

41	Wilson, G. B	9.39	23.76	22.33	24.80	20.58	32.85	9.84	12.82	17.20	16.80	190.37	2.55	187.82
42	Corn, W. A	9.84	24.32	22.61	25.44	21.70	31.25	9.06	12.52	16.05	17.10	189.89	2.55	187.34
*A*o42½	Burrough, E. W	8.79	26.16	21.70	24.96	19.81	30.75	9.87	12.20	15.65	17.90	187.79	.45	187.34
43	Porter, W. H., jr	8.91	23.44	22.68	24.24	22.75	31.75	9.30	11.56	15.30	17.25	187.18	.5	187.13
44	Waller, J. B. W	9.24	24.00	21.42	25.04	20.44	31.45	9.36	13.32	15.70	16.90	186.87	.5	186.82
45	Doyle, T. J., jr	8.82	25.84	23.52	24.32	24.99	34.15	8.22	11.70	14.45	16.65	192.66	6.25	186.41
46	Gilchrist, K. P	10.14	24.72	23.52	27.84	21.14	33.25	9.09	11.54	13.70	16.50	191.44	5.35	186.09
47	Creighton, J. M	9.30	23.68	20.44	25.60	19.88	30.95	9.33	13.56	16.00	17.60	186.34	.35	185.99
48	Teasley, W. A	9.36	24.88	21.84	25.76	21.49	31.00	9.36	11.66	14.45	16.15	185.95	0	185.95
49	Palmer, E. C	9.57	23.76	20.93	26.24	21.56	31.15	9.18	12.48	15.25	17.45	187.57	1.70	185.87
50	Rosendahl, C. E	8.55	24.40	20.72	23.04	19.81	33.10	9.48	14.38	15.55	16.75	185.78	0	185.78
51	Swain, C. D	9.75	24.00	21.07	24.88	21.91	32.25	8.94	12.36	14.80	16.65	186.61	.85	185.76
52	Moyer, J. G	8.88	25.20	20.65	23.44	23.38	30.40	9.66	12.92	15.05	16.90	186.48	1.30	185.18
53	Clark, B. F	9.66	24.32	22.75	24.88	21.70	30.35	8.58	11.18	14.70	17.85	185.97	1.10	184.87
54	Ralston, B. B	8.79	23.76	21.56	24.64	20.44	30.90	9.36	11.98	16.60	16.20	184.23	0	184.23
55	Wilson, S. L	9.03	23.20	20.86	25.60	21.70	29.95	9.75	12.86	15.40	15.20	183.55	0	183.55
56	Marvell, G	9.93	22.56	21.56	25.84	21.35	31.65	8.76	12.02	14.45	16.25	184.37	.85	183.52
57	Sterling, T. W	9.36	22.72	20.86	24.72	20.02	28.70	9.81	13.26	16.25	18.00	183.70	.45	183.25
58	Mittendorf, H. C	9.15	24.48	21.49	24.56	21.07	31.30	9.06	12.48	15.25	16.05	184.89	1.70	183.19
*A*o58½	Christian, K. C	9.75	22.80	22.12	24.72	20.16	30.65	9.00	10.98	15.15	17.65	182.98	0	182.98
59	Gladden, C. T. S	9.63	22.80	21.91	25.68	19.74	30.55	8.88	11.88	14.85	16.55	182.47	0	182.47
60	Moore, S. G	8.31	23.20	20.93	24.56	22.47	30.25	9.21	13.34	14.90	15.10	182.27	0	182.27
61	Conolly, R. L	9.06	23.04	21.28	24.56	20.86	30.25	9.21	12.58	14.85	16.90	182.59	.45	182.14
62	Short, E. T	9.60	22.40	23.24	25.36	19.53	29.80	9.24	11.70	15.00	17.00	182.87	.80	182.07
63	Vaughan, R. L	9.48	22.48	22.96	25.36	18.55	30.80	9.21	11.06	14.60	17.50	182.00	0	182.00
64	Ashbrook, A. W	9.09	24.08	21.35	23.28	21.35	28.75	8.70	10.30	15.65	19.35	181.90	0	181.90

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Order of general merit.	Names.	Ordnance.	Navigation.	Principles of mechanism.	Marine engines and boilers.	Mechanics.	Electrical engineering.	English.	Languages.	Efficiency.	Practice cruise.	Total.	Demerits (subtract).	Aggregate for year.
	Maxima	12	32	28	32	28	40	12	16	20	20	240	.....	240
65	Hayler, R. W	9.45	22.48	20.37	24.80	19.04	30.35	9.42	12.72	16.75	16.40	181.78	0.5	181.73
66	Rooks, A. H	8.55	23.68	21.21	23.28	20.65	29.90	10.23	14.06	15.65	16.60	183.81	2.10	181.71
67	Early, A. R., jr	9.51	24.00	21.56	25.04	21.35	29.45	8.70	11.32	13.95	16.85	181.73	.35	181.38
68	Vaiden, J. L	8.37	23.68	22.12	24.80	19.95	30.00	9.03	12.34	15.20	15.85	181.34	0	181.34
69	Perry, R. E	8.73	24.64	21.21	23.60	20.02	28.85	9.21	12.78	14.35	17.80	181.19	0	181.19
70	McCown, J. A	8.64	23.68	20.30	25.52	18.69	29.80	9.15	12.80	15.30	16.90	180.78	0	180.78
71	Nash, T. L	8.58	23.76	20.86	24.08	20.65	28.95	9.39	12.80	15.35	16.55	180.97	.85	180.12
72	Martin, C. F	7.92	24.88	20.79	23.68	20.30	29.45	9.96	12.32	15.20	17.00	181.50	1.50	180.00
73	Yeatman, P. W	8.88	24.48	20.37	23.84	20.44	30.20	9.78	12.58	13.90	16.30	180.77	.85	179.92
74	Ray, H. J	9.42	23.28	22.47	24.72	19.81	30.45	9.09	12.26	13.25	15.15	179.90	0	179.90
75	Offley, A. N	9.15	23.20	20.30	24.24	19.46	29.90	9.36	12.24	14.40	17.55	179.80	.5	179.75
76	Page, B. H	8.49	24.24	20.30	22.96	21.70	29.15	8.94	10.74	15.25	17.95	179.72	0	179.72
77	Heard, W. A	8.79	24.08	20.09	24.16	19.81	31.60	8.73	12.24	15.15	16.20	180.85	1.25	179.60
78	Riché, S	9.06	21.92	21.14	23.68	21.35	29.30	9.12	11.86	15.85	16.30	179.58	0	179.58
79	Cunneen, F. J	9.15	23.76	21.35	24.24	20.72	29.80	9.21	12.30	15.40	17.20	183.13	4.20	178.93
80	Deming, R. A	8.79	23.28	20.44	23.20	19.60	28.85	9.30	12.40	15.35	17.65	178.86	0	178.86
81	Wills, A. E	9.51	23.76	20.72	24.80	17.57	29.60	10.68	11.10	14.80	16.30	178.84	0	178.84
82	Clarke, V. A., jr	9.72	23.68	22.19	24.72	21.21	30.00	9.06	11.42	16.00	18.10	186.10	7.45	178.65
83	Hart, W. J., jr	9.24	23.20	21.84	24.32	19.81	30.75	8.67	11.64	13.90	15.90	179.27	.85	178.42
84	Ingram, H. L	9.42	21.92	20.23	25.28	19.88	29.30	8.49	11.00	14.95	17.60	178.07	0	178.07

85	Lahodny, W. J	9.03	21.36	20.65	24.64	18.97	28.80	9.09	14.52	13.45	17.35	177.86	.5	177.81
85	Boak, J. E	9.03	23.92	20.44	23.12	19.32	29.45	8.82	10.96	15.50	17.70	178.26	.45	177.81
87	Callahan, M. W	8.85	21.76	20.79	23.20	21.35	29.55	8.25	10.46	15.30	18.00	177.51	.5	177.46
88	Arvin, G. S	8.52	22.72	20.16	24.72	19.46	28.95	8.91	11.24	14.90	18.80	178.38	1.60	176.78
89	Killmaster, B. S	8.85	22.08	20.93	24.72	19.04	28.50	9.39	13.02	14.65	17.20	178.38	1.70	176.68
90	Bumpus, F. C	9.63	22.72	19.95	24.80	18.90	29.35	8.97	10.66	13.45	18.50	176.93	.45	176.48
91	Moss, J. M	8.55	22.48	20.09	24.24	19.25	28.90	9.21	12.36	15.25	16.70	177.03	.90	176.13
92	Dyer, R. A., 3d	8.22	23.04	20.58	23.36	18.90	28.55	9.36	11.94	15.45	16.70	176.10	.10	176.00
93	Howe, G. T	8.76	22.56	19.95	24.40	19.81	28.60	8.31	11.56	15.85	15.95	175.75	0	175.75
94	Jalbert, H. H	9.00	21.44	19.25	24.16	17.64	27.25	9.12	15.46	15.20	17.05	175.57	0	175.57
94½	Hatch, R. S	8.94	23.76	20.16	23.52	19.88	29.10	9.66	11.46	14.35	14.62	175.45	0	175.45
95	Hans, R. F	8.43	22.24	20.23	23.68	19.95	28.55	8.79	12.80	15.45	15.95	176.07	.85	175.22
96	Fletcher, P. W	8.04	20.96	19.46	22.88	20.79	29.00	9.06	12.38	14.50	18.10	175.17	0	175.17
97	McDonald, L. H	8.82	23.52	20.44	24.72	19.18	29.55	8.67	10.28	13.35	16.60	175.13	.5	175.08
98	Nelson, H. J	9.03	21.52	21.42	23.76	19.32	28.65	8.64	10.54	14.95	17.15	174.98	0	174.98
99	Mecum, C. H	8.46	23.84	20.02	24.56	20.02	31.35	9.15	11.46	14.70	15.05	178.61	3.75	174.86
100	Baker, W. du P	9.48	23.20	20.37	24.40	18.41	29.60	8.25	11.62	15.35	17.40	178.08	3.25	174.83
101	Maury, S. F	9.00	22.48	20.09	23.84	20.02	28.00	8.61	11.68	15.05	16.05	174.82	0	174.82
102	Thomas, F. P	8.73	21.84	20.58	24.08	20.23	29.00	8.16	10.50	15.45	16.65	175.22	.45	174.77
103	Slingluff, T. C	7.80	22.64	20.65	22.80	21.07	30.95	8.73	11.46	14.75	15.85	176.70	2.00	174.70
104	Dombrowski, B. L	8.46	22.64	19.46	23.36	18.90	27.80	8.88	13.60	15.20	16.35	174.65	.10	174.55
105	Powers, F. D	8.07	23.52	20.58	24.00	20.58	30.00	9.45	11.60	13.80	14.20	175.80	1.60	174.20
106	O'Brien, F. K	8.31	21.60	20.30	24.24	19.32	28.40	8.79	11.68	15.85	17.30	175.79	1.60	174.19
107	Cary, R. W., jr	9.00	21.68	20.16	22.88	19.53	28.80	8.31	11.26	15.30	17.90	174.82	.85	173.97
108	Latimore, T. C., jr	8.76	22.80	19.88	23.52	18.90	28.55	8.25	11.04	14.60	17.55	173.85	0	173.85
109	Bower, T. T	9.06	22.80	20.44	22.80	20.37	28.45	9.12	11.24	14.65	17.85	176.78	2.95	173.83

Merit roll of the present first class for the third year of the academic course—annual examination, June, 1913—157 members—Continued.

Order of general merit.	Names.	Ordnance.	Navigation.	Principles of mechanism.	Marine engines and boilers.	Mechanics.	Electrical engineering.	English.	Languages.	Efficiency.	Practice cruise.	Total.	Demerits (subtract).	Aggregate for year.
	Maxima	12	32	28	32	28	40	12	16	20	20	240	.....	240
110	Stengel, S. C.	8.58	22.72	20.72	23.52	19.95	28.70	8.16	11.08	13.90	16.25	173.58	0	173.58
111	Wiltse, L. J.	8.73	22.00	20.93	23.84	19.53	28.35	8.94	10.80	14.70	15.65	173.47	0	173.47
112	Shears, K. R.	8.79	21.60	20.44	22.88	19.39	29.25	8.43	10.72	15.20	16.35	173.05	0	173.05
113	Burgy, W. C.	8.88	21.92	20.02	23.12	19.11	27.65	9.18	10.68	14.35	18.05	172.96	0	172.96
114	Downey, T. F.	8.73	20.96	19.46	22.56	19.11	28.75	9.18	12.84	14.40	17.00	172.99	.5	172.94
115	Truesdell, S. D.	9.00	21.28	20.30	23.04	19.25	28.40	8.61	10.72	14.80	17.50	172.90	.5	172.85
116	Blades, L. J. K.	9.09	22.16	19.81	24.48	18.41	28.40	8.13	10.46	15.05	17.60	173.59	.80	172.79
117	Alford, L. O.	8.97	22.72	20.30	23.92	19.53	28.60	8.10	11.40	14.65	17.10	175.29	2.85	172.44
118	Arnold, J. C.	8.19	22.24	20.16	22.96	20.44	28.20	8.28	10.22	15.25	18.35	174.29	1.95	172.34
119	Cohen, M. Y.	8.49	21.68	20.16	23.04	20.30	27.90	8.61	11.32	14.80	16.65	172.95	.90	172.05
120	Wyman, R. S.	8.79	22.00	19.81	23.20	18.48	27.45	8.10	10.92	16.15	16.90	171.80	0	171.80
121	Peck, E. D.	8.43	23.36	19.60	22.72	17.50	28.50	9.09	12.38	14.30	17.45	173.33	1.60	171.73
122	Davis, R. O.	9.03	20.48	19.46	22.00	19.88	27.40	9.15	10.84	16.10	17.35	171.69	0	171.69
123	McClure, C. I.	8.40	22.40	19.95	23.84	19.74	27.65	7.80	12.06	13.45	17.95	173.24	1.70	171.54
124	McReavy, C. J.	9.45	21.60	19.60	25.04	19.46	29.00	8.28	10.46	15.75	15.20	173.84	2.50	171.34
125	Austin, W. DeW.	9.12	22.32	19.81	22.96	18.34	27.20	8.64	11.16	14.10	17.45	171.10	0	171.10
126	Roehl, W. F.	9.06	21.84	19.95	24.00	19.04	28.20	9.21	11.26	13.60	16.10	172.26	1.20	171.06
127	Angel, C. F.	8.04	21.60	20.09	22.64	18.62	27.65	8.70	11.46	14.50	18.60	171.90	.85	171.05
128	Griffin, M.	8.82	22.24	19.88	22.40	19.74	27.85	8.31	11.68	15.15	16.10	172.17	1.15	171.02
129	Popham, W. S., jr.	8.67	21.28	20.93	24.16	19.11	28.65	9.18	12.56	14.75	15.25	174.54	4.00	170.54

130	Moloney, J. F.	8.40	22.24	18.97	23.04	18.97	28.70	8.58	11.68	13.80	15.85	170.23	0	170.23
131	Dortch, W. B.	8.88	21.76	19.39	22.64	17.71	28.50	8.61	12.48	14.35	17.05	171.37	1.15	170.22
132	Luker, R. P.	8.13	23.20	19.39	22.96	18.55	28.30	9.27	11.42	14.25	16.60	172.07	2.40	169.67
133	Hoyt, H. W.	9.06	21.28	19.32	22.40	18.55	27.45	9.39	11.74	14.35	15.75	169.29	0	169.29
134	Kessing, O. O.	8.19	20.96	19.74	22.88	19.18	27.95	8.64	11.58	14.10	16.15	169.37	.45	168.92
135	Macgowan, C. A.	7.83	21.44	19.11	23.52	19.46	27.50	7.86	10.50	16.10	15.50	168.82	0	168.82
136	Bungert, W. D.	8.37	20.48	19.46	21.52	18.62	27.40	8.64	11.34	14.65	18.00	168.48	0	168.48
137	Washburn, D. F.	8.37	21.36	20.37	23.28	18.90	27.85	8.82	11.22	14.35	15.55	170.07	1.70	168.37
138	Gearing, W.	8.76	22.08	19.74	23.84	18.13	27.55	7.74	11.88	13.95	15.50	169.17	.85	168.32
139	Starkey, R. C.	8.16	20.08	19.04	22.96	18.83	27.75	8.40	11.26	16.25	15.45	168.18	0	168.18
140	Nicholls, W. M.	8.31	22.80	19.67	23.12	18.41	28.60	8.40	10.42	15.25	16.90	171.88	3.75	168.13
141	Fox, W. V.	8.91	21.92	19.95	23.28	18.06	27.10	8.79	10.64	13.60	15.95	168.20	.45	167.75
142	Maury, R. H.	7.86	20.88	19.67	22.80	19.11	26.85	8.82	10.90	15.40	15.35	167.64	0	167.64
143	Dickinson, H. T.	8.67	21.60	19.32	22.80	18.20	27.65	8.64	11.28	14.25	15.65	168.06	1.25	166.81
144	Walker, A. W.	8.13	21.44	19.25	22.72	17.57	27.15	8.73	10.00	15.45	15.25	165.69	0	165.69
144	Fitzimons, P., jr.	8.55	20.48	18.83	23.04	18.34	26.60	8.16	11.94	14.55	15.95	166.44	.75	165.69
146	Brown, J. H., jr.	8.01	20.88	19.95	21.60	17.99	26.25	8.55	10.08	14.35	17.20	164.86	.45	164.41
147	Steece, D. M.	8.07	20.56	19.18	21.92	18.76	25.75	8.28	11.28	15.10	15.50	164.40	0	164.40
148	Weaver, P. R.	7.59	20.80	19.60	22.24	18.27	25.60	8.94	11.74	15.05	15.85	165.68	1.70	163.98
149	Stecher, L. J.	7.95	20.64	20.23	21.68	20.23	27.60	8.22	10.90	13.70	14.30	165.45	1.60	163.85
150	Beard, W. K.	7.89	20.88	18.55	22.56	17.50	26.10	8.19	10.20	16.90	16.80	165.57	2.10	163.47
151	Pennoyer, R. G.	8.01	20.00	18.41	21.28	18.69	27.50	8.40	10.90	14.20	17.00	164.39	3.25	161.14
152	Worrell, M. L.	8.88	20.08	18.62	22.64	17.64	26.10	8.49	11.26	15.15	16.80	165.66	5.00	160.66
153	Leonard, H. R., jr.	7.77	20.08	18.41	20.80	17.64	26.15	7.62	10.34	14.40	15.50	158.71	5.00	153.71
aidd	Meacham, R. T.	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

Merit roll of the present second class, 190 members, for the second year of the academic course—annual examination, June, 1913.

Order of general merit.	Names.	Mechanical drawing.	Mechanical processes.	Mathematics.	Phyics and chemistry.	Electrical engineering.	English.	Modern languages.	Efficiency.	Practice cruise.	Total.	Subtract for demerits.	Aggregate.
	Maxima	16	16	44	32	4	20	20	4	4	160		160
*1	**Adams, R. R.**	11.28	13.68	40.13	27.96	3.70	16.98	19.40	3.38	3.20	139.71	0.10	139.61
*2	**McCormick, L. D.**	13.64	13.96	39.74	26.92	3.55	16.72	17.16	3.11	3.28	138.08	0	138.08
*3	**Tovey, H. O.**	12.92	13.84	35.12	29.32	3.50	18.00	17.63	3.57	3.31	137.21	.10	137.11
*4	**Sperry, M. L., jr.**	11.68	13.36	39.46	28.16	4.00	16.52	17.39	3.02	3.46	137.05	0	137.05
*4	**Nelson, R. M., jr.**	13.60	13.92	41.84	28.08	3.90	15.12	14.83	3.07	2.79	137.15	.10	137.05
6	Mitchell, R. J.	14.00	12.88	37.63	26.16	3.70	15.72	18.16	2.93	3.09	134.27	.30	133.97
7	Shofner, W. J.	12.88	12.92	38.66	28.56	3.95	15.99	14.81	3.09	3.04	133.90	.30	133.60
8	Hicks, W. A.	12.64	14.08	35.96	28.84	3.90	15.99	14.23	3.27	3.62	132.53	0	132.53
9	Baker, R. N. S.	12.44	12.92	38.43	27.72	3.90	16.23	15.74	2.85	2.77	133.00	.50	132.50
Ao 9½	Ritchie, O. H.	12.20	12.60	36.86	26.68	4.00	15.34	18.71	2.95	2.87	132.21	0	132.21
10	Kinne, M. T.	13.16	13.44	36.19	27.48	3.90	16.84	15.33	2.99	3.12	132.45	.50	131.95
11	Bates, R. W.	12.80	13.00	38.62	26.28	3.50	15.66	15.55	3.14	3.17	131.72	.30	131.42
Ao 11½	Bodfish, H.	12.64	13.16	35.92	26.64	3.25	16.80	17.00	3.02	3.07	131.50	.40	131.10
12	Manly, J. M.	12.48	13.24	36.03	27.36	3.65	15.67	15.65	2.97	3.37	130.42	0	130.42
13	Lewis, L. S.	12.48	13.60	38.02	25.96	3.90	15.27	15.06	3.03	3.18	130.50	.10	130.40
14	Davis, A. C.	12.68	14.44	31.44	28.28	3.65	17.53	15.70	3.21	3.23	130.16	0	130.16
15	Portz, W. P.	12.72	12.24	36.13	26.40	3.75	16.78	16.46	2.86	2.98	130.32	.30	130.02
16	Moore, L. R.	12.68	12.88	36.04	25.92	3.60	15.63	16.26	3.11	3.15	129.27	0	129.27
17	Wynne, W. M. A	12.76	11.76	38.38	26.28	3.10	13.82	18.02	3.01	2.71	129.84	.60	129.24
18	Struble, A. D.	12.80	13.72	35.54	27.96	4.00	15.28	13.57	2.86	2.98	128.71	.10	128.61

19	Shoemaker, J. M.	12.76	13.00	32.95	25.40	3.90	17.40	17.42	2.98	3.07	128.88	.40	128.48
20	de Roode, L. R.	11.92	12.84	36.88	26.04	3.25	16.11	14.95	2.96	3.26	128.21	.10	128.11
20	Pennoyer, F. W., jr.	12.88	12.44	38.01	27.32	3.95	14.61	14.23	2.93	2.84	129.21	1.10	128.11
22	Godfrey, V. H.	12.40	12.84	35.84	24.64	3.40	15.63	17.51	2.98	2.86	128.10	.60	127.50
23	Culbert, F. P.	12.28	12.36	35.64	26.76	3.80	15.84	15.25	2.96	3.08	127.97	.80	127.17
24	Pike, W. H. A., jr.	14.24	12.96	34.75	24.52	3.80	16.70	14.35	2.84	2.94	127.10	0	127.10
25	Nelson, W.	13.36	12.44	37.04	25.12	3.70	14.21	15.17	2.95	3.07	127.06	0	127.06
26	Kell, C. O.	12.36	12.52	37.16	25.92	3.40	14.15	14.65	3.00	3.16	126.32	0	126.32
27	Partello, M. C.	13.56	12.48	34.02	25.68	3.35	15.55	14.93	3.08	3.52	126.17	.10	126.07
28	Wood, G. H.	12.56	12.72	35.66	24.04	3.85	16.65	15.52	3.06	2.80	125.86	.30	125.56
29	Vickery, H. L.	12.52	12.64	36.70	27.12	3.25	13.77	13.64	2.88	2.83	125.35	.10	125.25
30	Minnis, J. A.	10.88	12.80	32.56	26.48	3.90	17.00	15.91	3.05	2.96	125.54	.30	125.24
31	Bates, J. F., jr.	14.40	11.96	36.04	27.20	3.80	14.39	13.21	2.85	3.23	127.08	1.90	125.18
32	Small, J. D.	13.52	14.08	32.38	25.92	3.70	16.78	14.31	3.14	2.95	126.78	1.70	125.08
33	Armstrong, L. V.	11.72	12.56	34.85	24.32	3.70	15.76	16.28	2.85	2.81	124.85	.10	124.75
34	Glennon, P. T.	12.44	12.80	32.68	26.76	3.80	15.56	15.09	3.04	3.00	125.17	.50	124.67
35	Powers, M. W.	13.08	12.88	33.44	24.52	3.60	15.43	15.84	3.00	2.86	124.65	0	124.65
36	Easton, G. H.	11.84	12.28	34.06	25.56	3.95	15.63	15.12	3.09	3.03	124.56	0	124.56
37	Glover, R. O.	12.76	12.28	34.07	25.48	3.55	14.43	15.69	3.42	2.96	124.64	.10	124.54
38	Horn, R. S.	11.84	13.44	33.18	25.40	3.80	16.85	14.75	2.62	2.75	124.63	.10	124.53
r38½	Ramsey, H. C.	14.44	11.76	34.75	23.52	2.55	16.63	14.07	3.08	3.64	124.44	0	124.44
39	Osborn, C. F.	11.24	13.16	35.05	26.28	3.70	14.82	14.55	3.16	3.33	125.29	.90	124.39
40	Eldredge, H. G.	11.32	12.20	34.01	24.48	3.40	16.69	16.82	3.08	2.96	124.96	.80	124.16
41	Tisdale, R. D.	12.00	11.84	32.67	25.80	3.95	15.67	16.58	3.06	3.05	124.62	.50	124.12
42	Perry, B. F.	13.64	12.60	35.38	24.16	3.50	14.41	14.03	3.01	3.28	124.01	0	124.01
43	Delpino, J. C.	12.72	12.12	36.45	23.28	3.70	14.15	15.61	2.78	2.73	123.54	.30	123.24

Merit roll of the present second class, 190 members, for the second year of the academic course—annual examination, June, 1913—Continued.

Order of general merit.	Names.	Mechanical drawing.	Mechanical processes.	Mathematics.	Phyics and chemistry.	Electrical engineering.	English.	Modern languages.	Efficiency.	Practice cruise.	Total.	Subtract for demerits.	Aggregate.
	Maxima	16	16	44	32	4	20	20	4	4	160		160
44	Glann, A. E.	12.52	13.04	36.34	23.96	3.45	14.58	13.77	2.99	2.90	123.55	0.40	123.15
45	Preston, K.	11.48	12.24	36.54	25.20	3.40	14.70	14.39	3.07	2.94	123.96	1.00	122.96
46	Rhea, P. M.	12.00	12.32	34.59	25.16	3.60	15.79	13.27	3.09	3.01	122.83	0	122.83
47	Scott, L. B.	11.96	12.12	33.40	25.04	3.60	14.91	15.71	3.22	3.11	123.07	.40	122.67
48	Calvert, N. G.	11.80	12.40	35.06	24.60	3.35	15.80	16.65	2.93	2.64	125.23	2.60	122.63
49	Laferty, P. G.	13.40	12.68	31.85	25.72	3.30	15.50	13.79	3.24	3.06	122.54	0	122.54
50	Huntoon, F. C.	14.36	12.48	32.38	24.16	3.05	16.15	13.50	3.09	3.18	122.35	.30	122.05
51	Bowman, W. H.	12.24	11.88	35.54	24.08	2.90	15.13	14.58	2.95	2.74	122.04	.10	121.94
52	Rockwell, J. H.	11.72	11.76	33.99	24.68	3.90	15.77	14.44	2.88	2.82	121.96	.10	121.86
53	French, F. G.	13.52	12.20	35.81	24.68	3.30	13.98	14.46	2.94	2.97	123.86	2.10	121.76
54	Smith, F. B.	12.24	13.12	30.94	25.32	3.85	15.54	13.87	3.34	3.46	121.68	0	121.68
55	Walker, M. J.	12.72	12.00	35.11	25.48	3.55	13.59	13.56	3.02	2.99	122.02	.40	121.62
56	Lamont, G. P.	12.80	11.76	33.30	24.08	3.90	14.75	14.89	3.02	3.06	121.56	0	121.56
57	Wiley, H. V.	13.12	12.72	30.66	24.88	3.95	15.84	14.16	2.87	3.31	121.51	0	121.51
58	Shumaker, S. R.	13.16	11.72	33.99	24.20	3.70	14.68	14.31	3.04	3.08	121.88	.50	121.38
59	Chenoweth, H. H.	13.12	12.36	32.81	24.32	3.50	15.67	14.37	3.01	2.95	122.11	1.00	121.11
60	Burwell, R. O. B.	10.88	11.48	35.86	24.80	3.70	15.63	14.21	3.02	2.50	122.08	1.00	121.08
61	Lusk, J. C.	12.24	12.52	32.72	24.88	3.40	14.96	16.11	2.84	3.06	122.73	1.80	120.93
61	Matteson, S. H.	11.36	12.08	30.33	25.84	3.90	15.88	15.66	2.94	3.04	121.03	.10	120.93
63	Burnett, H. P.	12.64	11.48	32.33	23.52	3.70	16.22	15.03	3.22	2.76	120.90	0	120.90

64	Nunnally, W. J	11.92	11.16	34.51	24.92	3.30	14.92	14.00	3.05	3.31	121.09	.20	120.89
65	Wurtele, Allan R	11.08	11.60	33.79	25.32	3.25	14.61	15.74	2.87	2.62	120.88	0	120.88
66	Arnold, M. B	13.76	12.28	34.00	24.80	3.15	13.59	13.22	3.12	3.35	121.27	.50	120.77
67	Grove, G. W	12.52	12.64	32.25	24.28	3.50	15.70	14.60	3.08	2.88	121.45	.80	120.65
68	Hazlett, E. E., jr	12.52	12.64	31.36	24.24	3.30	16.48	14.32	3.00	2.65	120.51	0	120.51
69	McCoach, E. S	13.08	11.04	36.05	24.08	3.40	12.93	13.98	2.98	3.16	120.70	.30	120.40
70	Clark, S. B	12.68	13.00	32.75	24.00	3.30	15.25	13.94	2.98	3.00	120.90	.60	120.30
71	Nimitz, O	13.60	12.52	31.80	23.64	3.90	15.02	13.53	3.21	3.25	120.47	.30	120.17
72	Isaacs, E. V. M	12.32	12.56	29.84	23.28	2.75	16.74	16.42	3.12	3.10	120.13	0	120.13
73	Lorenz, W. J	12.40	11.64	34.10	23.56	3.55	14.28	14.30	3.04	3.21	120.08	.10	119.98
74	Morgan, P. C	11.80	11.52	34.73	25.48	2.70	14.54	13.90	2.68	3.12	120.47	.80	119.67
75	Hill, G. C	13.08	12.48	31.36	24.48	3.35	14.80	13.82	3.08	3.45	119.90	.30	119.60
76	Dalton, D. MacL	13.12	12.56	32.21	24.60	3.45	14.16	13.63	3.03	3.11	119.87	.30	119.57
77	Friend, T. H. H	12.72	12.80	32.06	24.60	3.15	15.67	14.10	3.00	2.71	120.81	1.30	119.51
78	Withers, N	13.12	12.08	33.18	24.24	3.25	14.41	16.43	2.82	2.88	122.41	3.00	119.41
79	Granat, W	13.00	11.88	32.46	24.72	3.30	13.97	14.28	3.03	2.74	119.38	0	119.38
80	Wagner, F. D	12.56	12.24	32.23	23.80	3.60	15.40	15.29	3.02	3.14	121.28	2.00	119.28
81	Jenkins, S. P	12.72	11.60	34.96	24.12	3.45	13.54	13.15	2.97	2.89	119.40	.50	118.90
82	Peck, De W	14.04	12.32	31.96	23.32	3.30	15.04	13.01	3.09	3.11	119.19	.30	118.89
83	Umsted, S	12.92	11.00	34.79	22.64	3.90	13.58	13.64	3.12	2.95	118.54	0	118.54
84	Paddock, H. E	12.52	11.96	32.61	23.48	3.75	13.78	14.08	3.01	3.21	118.40	0	118.40
85	Harrison, H. H. H	13.12	11.72	32.28	23.60	2.65	15.98	13.00	3.02	2.96	118.33	.10	118.23
86	Wotherspoon, A. S	11.88	12.60	29.55	23.52	3.45	15.09	14.96	3.38	3.59	118.02	0	118.02
87	Confer, W. J	12.88	12.28	31.55	23.12	2.55	14.60	14.57	3.20	3.23	117.98	0	117.98
88	Clark, R. W	12.40	11.84	31.76	23.08	3.30	14.95	16.63	3.09	2.70	119.75	1.80	117.95
89	Jondreau, R. J	12.12	12.76	30.91	24.48	3.20	15.08	14.27	2.77	2.74	118.33	.50	117.83

Merit roll of the present second class, 190 members, for the second year of the academic course—annual examination, June, 1913—Continued.

Order of general merit.	Names.	Mechanical drawing.	Mechanical processes.	Mathematics.	Phyics and chemistry.	Electrical engineering.	English.	Modern languages.	Efficiency.	Practice cruise.	Total.	Subtract for demerits.	Aggregate.
	Maxima	16	16	44	32	4	20	20	4	4	160		160
90	del Valle, P. A	11.64	11.16	30.63	22.68	3.05	14.96	19.83	2.86	2.66	119.47	1.80	117.67
91	Dupre, D. D	10.84	11.64	31.30	24.52	3.75	15.15	14.60	2.85	2.91	117.56	0	117.56
92	Spriggs, M. H	12.84	11.88	31.89	24.68	3.45	13.20	14.34	2.84	2.83	117.95	.40	117.55
93	Childs, E. W. F	12.12	12.88	32.13	23.32	3.30	15.01	13.15	3.05	3.08	118.04	.50	117.54
93	Kneip, J. B	12.64	12.72	30.26	23.84	3.60	15.14	13.36	2.81	3.17	117.54	0	117.54
95	Rockwell, S. G	11.48	10.92	33.13	24.24	2.50	16.31	14.58	3.02	2.43	118.61	1.10	117.51
95	Barnett, A	13.16	12.12	31.57	23.92	3.60	14.09	12.91	3.16	3.08	117.61	.10	117.51
97	Clark, C. G	12.96	12.56	29.20	22.80	3.40	16.25	13.70	3.04	3.42	117.33	0	117.33
98	Graham, I. M	12.92	12.28	31.97	23.40	3.60	14.90	13.15	2.77	2.89	117.88	.60	117.28
99	Smith, A. E	12.04	11.84	31.91	23.16	3.30	15.51	13.63	3.16	2.97	117.52	.30	117.22
100	Flynn, C. W	12.76	11.84	31.73	23.28	2.70	15.76	13.72	2.83	2.84	117.46	.40	117.06
101	Thomas, A. C	14.20	11.48	33.39	22.76	3.85	13.65	13.13	3.07	2.51	118.04	1.00	117.04
102	Mail, F. M., jr	12.04	12.00	32.00	23.68	3.00	14.70	13.77	3.19	3.04	117.42	.40	117.02
103	Leonard, N. J	14.20	12.16	29.92	23.00	3.35	14.33	13.85	3.07	3.08	116.96	0	116.96
104	Henning, E. R	13.24	11.52	30.69	24.96	3.30	14.46	13.44	3.02	2.82	117.45	.50	116.95
105	Chandler, T. E	12.64	12.08	30.31	22.80	3.95	14.35	15.35	3.03	2.61	117.12	.40	116.72
106	Darrow, R. T	10.96	11.08	30.22	24.16	3.10	16.30	14.85	3.26	2.89	116.82	.40	116.42
107	Farrar, R. M	13.16	12.32	30.52	22.80	3.75	14.34	14.38	3.10	3.01	117.38	1.10	116.28
108	McCrea, J. L	11.88	12.08	31.10	24.68	2.70	14.73	13.03	3.09	3.21	116.50	.30	116.20

109	Kiely, R.	11.56	10.64	31.81	25.20	3.45	14.30	13.65	2.89	2.62	116.12	.10	116.02
110	Field, J. M., jr.	11.68	11.80	30.76	23.12	3.40	15.29	14.84	2.88	2.47	116.24	.50	115.74
111	Peyton, T. G.	12.12	11.64	30.31	22.48	3.45	16.03	13.79	3.09	2.74	115.65	0	115.65
112	Winslow, W.	11.72	12.68	29.37	23.24	3.10	15.10	14.33	3.07	3.03	115.64	0	115.64
113	Pigman, N. M.	10.88	11.84	29.12	23.36	3.35	15.30	15.36	3.15	3.25	115.61	0	115.61
114	Graf, H. W.	13.12	11.48	29.69	23.72	3.30	14.55	13.49	3.15	3.19	115.69	.10	115.59
115	Hoops, L. B.	12.60	12.24	32.86	22.80	3.50	13.15	13.97	2.74	2.89	116.75	1.60	115.15
116	Clark, H. S., jr.	13.16	11.88	31.51	21.88	3.80	13.58	15.47	2.85	2.48	116.61	1.50	115.11
117	Campman, J. H.	11.64	13.24	30.31	21.76	3.45	15.56	13.93	2.91	2.57	115.37	.30	115.07
118	Low, F. S.	11.64	12.68	30.15	22.48	3.65	14.70	13.51	3.13	3.12	115.06	0	115.06
119	Libenow, F. K.	12.44	12.52	29.57	24.16	2.80	14.09	13.90	2.85	2.98	115.31	.30	115.01
120	Lein, C. L.	12.64	12.60	30.30	22.36	3.80	13.76	14.17	2.78	3.11	115.52	.60	114.92
121	Clarke, H. D.	11.88	11.52	31.73	23.52	3.20	13.95	13.23	3.17	2.84	115.04	.60	114.44
122	Dobyns, G. B.	11.52	11.96	29.67	24.32	2.90	14.96	13.74	2.83	2.96	114.86	.50	114.36
123	Brown, J. P.	11.68	11.68	29.92	24.92	3.50	13.93	13.57	2.76	2.86	114.82	.50	114.32
124	Richards, F. G.	12.16	11.24	28.42	21.64	3.30	14.56	17.29	3.04	3.04	114.69	.40	114.29
125	Breed, E.	12.40	11.76	30.97	22.12	3.85	15.09	13.69	2.79	2.60	115.27	1.00	114.27
126	Quynn, A. G.	11.72	11.40	29.15	22.64	3.70	15.86	14.01	2.97	2.80	114.25	.20	114.05
127	Chippendale, B. W.	12.44	11.64	30.38	21.92	3.30	15.57	13.89	2.87	2.30	114.31	.30	114.01
128	Brown, T. G.	12.20	11.72	29.59	22.64	3.25	14.81	13.23	3.11	3.41	113.96	0	113.96
129	Fortson, R. M.	13.68	12.96	30.27	22.88	3.05	14.02	12.86	3.06	3.04	115.82	1.90	113.92
129	Hatch, A. G.	11.28	11.44	30.12	23.20	3.35	14.18	14.84	2.98	2.83	114.22	.30	113.92
131	Ring, M. L.	11.20	11.28	28.86	22.72	3.30	15.93	15.43	3.15	2.49	114.36	.50	113.86
132	King, A. E.	11.72	11.84	29.53	23.56	3.40	14.73	13.76	3.06	2.98	114.58	.80	113.78
133	Blair, R. H.	11.96	12.16	29.93	22.64	3.25	14.60	13.80	3.11	2.80	114.25	.70	113.55
134	Howard, A. F.	12.56	11.72	30.68	23.24	3.30	13.54	12.69	2.88	2.91	113.52	0	113.52

Merit roll of the present second class, 190 members, for the second year of the academic course—annual examination, June, 1913—Continued.

Order of general merit.	Names.	Mechanical drawing.	Mechanical processes.	Mathematics.	Phyics and chemistry.	Electrical engineering.	English.	Modern languages.	Efficiency.	Practice cruise.	Total.	Subtract for demerits.	Aggregate.
	Maxima	16	16	44	32	4	20	20	4	4	160		160
135	Mahoney, J. J	14.64	12.04	28.42	21.60	3.40	14.50	12.68	3.03	3.11	113.42	0	113.42
136	Burstan, R. M	12.60	11.48	30.68	22.80	3.70	15.07	13.78	2.69	2.27	115.07	1.80	113.27
137	Farnsworth, J. S	12.68	11.56	30.98	22.24	3.80	14.25	13.45	2.65	2.93	114.54	1.30	113.24
138	Royal, F. B	12.36	12.68	28.52	23.04	3.70	13.96	13.67	2.99	3.01	113.93	.70	113.23
139	Preas, R. A	13.52	12.80	29.17	22.48	3.40	13.76	13.85	2.72	3.26	114.96	1.80	113.16
140	Richardson, C. G	13.40	12.60	28.07	22.36	2.90	14.74	12.80	3.09	3.17	113.13	0	113.13
141	Lewis, J. M	10.60	12.24	29.69	23.48	3.05	15.12	13.43	2.96	2.61	113.18	.10	113.08
142	Schlossbach, I	10.48	11.68	31.06	23.60	3.80	13.56	13.92	2.94	2.95	113.99	1.00	112.99
143	Lonergan, S. J	10.60	11.84	31.48	24.36	3.80	13.92	13.43	2.88	2.59	114.90	2.00	112.90
144	Overesch, H. E	11.20	12.08	27.96	23.40	2.80	15.46	14.63	2.95	3.35	113.83	1.00	112.83
145	Parkinson, R. M	12.24	11.32	29.51	21.68	3.15	14.92	13.92	3.34	3.01	113.09	.30	112.79
146	Alexander, W. D	12.84	11.52	29.61	21.56	3.45	14.19	13.52	3.10	2.99	112.78	0	112.78
147	Armstrong, D. W	12.08	11.72	29.64	23.12	2.70	14.61	13.70	2.97	2.98	113.52	.80	112.72
148	Miller, M. C	11.08	11.20	29.09	23.40	3.40	14.84	14.06	2.78	2.96	112.81	.10	112.71
149	Maher, S. A	11.32	11.16	31.81	23.12	3.10	14.47	14.24	2.64	2.40	114.26	1.60	112.66
150	Lewis, C. E	11.28	10.68	32.27	22.28	3.05	13.96	13.09	3.15	2.83	112.60	0	112.60
151	Burhen, R	12.52	12.00	30.66	22.60	3.90	13.84	12.78	2.63	2.72	113.65	1.16	112.49
151	Marshall, P	11.16	10.60	29.66	23.04	3.40	15.45	14.79	2.69	2.50	113.29	.80	112.49
153	Hunter, H. O'D	11.72	11.12	30.12	21.84	2.95	14.65	13.55	3.19	3.06	112.20	.10	112.10

154	Chadwick, J. H.	10.84	11.04	28.35	22.28	3.15	14.98	16.82	2.96	2.64	113.06	1.30	111.76
155	Thomas, W. D.	11.48	11.20	29.34	22.20	3.60	14.20	13.44	3.10	3.01	111.57	0	111.57
156	Christie, R. W.	11.96	11.48	28.61	21.64	2.50	15.08	14.55	3.07	2.77	111.66	.10	111.56
157	Collins, D. McL.	12.72	11.28	28.68	21.84	2.75	14.52	13.94	2.88	3.03	111.64	.10	111.54
158	Vickrey, C. C.	11.44	12.20	30.33	22.16	3.55	12.79	13.27	3.00	2.66	111.40	0	111.40
159	Kriner, G. C.	12.36	11.12	30.66	21.40	2.60	13.41	13.77	3.09	2.90	111.31	0	111.31
160	Shelley, T.	12.76	11.52	28.26	22.12	3.10	14.04	14.92	2.97	2.89	112.58	1.40	111.18
161	Wright, R. R.	11.40	12.24	29.10	22.60	3.20	14.34	12.46	3.01	2.53	110.88	0	110.88
162	Maher, J. E.	11.52	11.84	28.57	22.24	3.25	15.46	13.78	2.96	2.47	112.09	1.30	110.79
163	Gamble, M. G., jr.	11.56	11.12	29.26	22.44	3.50	14.23	13.19	2.99	2.88	111.17	.50	110.67
164	Sprague, J. H.	11.92	11.20	29.25	22.60	3.55	13.61	13.29	2.87	2.37	110.66	0	110.66
165	Hutchinson, M. W.	12.84	10.80	29.44	22.92	3.10	12.80	13.66	3.02	2.47	111.05	.40	110.65
†166	Chambers, I. R.	14.84	11.36	29.47	21.04	3.20	12.84	12.86	2.59	2.94	111.14	.60	110.54
167	Wood, L.	12.32	11.52	28.01	21.84	2.50	16.02	12.57	3.07	2.65	110.50	.30	110.20
168	Dollarhide, E. S.	11.60	11.24	29.42	22.00	2.95	14.12	13.80	2.86	2.45	110.44	.50	109.94
169	Snelling, W. M.	12.44	11.72	29.59	21.20	3.30	13.22	12.48	3.02	2.98	109.95	1.10	108.85
*Ac*169½	O'Neill, O. E.	10.52	10.76	30.21	21.36	1.85	15.13	13.69	2.90	2.68	109.10	.30	108.80
170	Watson, D. C.	12.00	11.08	28.32	22.00	3.15	14.68	12.68	3.03	2.83	109.77	1.10	108.67
171	Kirby, L., jr.	11.48	12.04	28.18	21.80	3.25	14.06	13.28	2.66	3.31	110.06	1.60	108.46
172	Hactor, W. S.	13.44	10.84	29.09	21.76	2.70	13.08	12.71	2.97	2.71	109.30	1.00	108.30
173	Davis, J. T.	11.52	11.68	28.35	22.52	2.80	14.57	13.34	2.96	2.77	110.51	2.26	108.25
174	Meyers, H. M.	11.52	10.72	30.98	21.92	3.35	13.98	13.31	2.84	2.52	111.14	3.30	107.84
175	Stedman, L. L.	13.12	10.08	30.53	20.96	2.70	13.24	12.50	2.97	2.75	108.85	1.30	107.55
176	Grimm, H. F., jr.	11.48	11.16	28.46	21.80	2.90	13.59	12.76	2.87	2.57	107.59	.50	107.09
177	Kyle, J. R., jr.	11.20	10.60	29.52	21.84	2.95	13.18	12.77	2.82	2.54	107.42	.50	106.92
178	Fisher, H. A.	10.72	10.60	28.85	21.12	3.00	13.44	12.88	2.99	2.91	106.51	.10	106.41

Merit roll of the present second class, 190 members, for the second year of the academic course—annual examination, June, 1913—Continued.

Order of general merit.	Names.	Mechanical drawing.	Mechanical processes.	Mathematics.	Phyics and chemistry.	Electrical engineering.	English.	Modern languages.	Efficiency.	Practice cruise.	Total.	Subtract for demerits.	Aggregate.
	Maxima	16	16	44	32	4	20	20	4	4	160		160
179	Hough, E. B	10.92	11.12	28.65	21.88	3.15	12.99	12.91	2.96	2.65	107.23	1.00	106.23
180	Wedderburn, C. F	10.96	11.40	29.29	21.00	3.40	14.07	13.34	2.92	2.53	108.91	2.70	106.21
181	Deets, S. R	11.84	11.72	28.61	21.36	2.90	13.53	12.60	2.85	2.85	108.26	2.10	106.16
182	Ray, J. S	10.92	10.44	28.46	20.44	3.50	13.33	13.73	2.83	2.51	106.16	1.00	105.16
183	McCaffrey, F. A	10.72	10.56	31.46	20.92	2.80	13.21	13.37	2.73	2.32	108.09	3.20	104.89
†184	Stephan, A. R	11.56	10.48	28.02	20.52	3.30	13.50	12.57	2.90	2.82	105.67	.80	104.87
185	Cooper, M. C	10.12	10.44	27.98	21.40	3.15	14.35	12.88	2.86	2.43	105.61	1.00	104.61
186	Landis, A	12.24	10.84	28.63	21.00	2.90	12.67	13.49	2.95	2.72	107.44	3.40	104.04

Merit roll of the present members, third class, for the first year of the academic course—annual examination, June, 1913—214 members.

Order of general merit.	Names.	Mechanical drawing.	Mathematics.	English.	Modern languages.	Aggregate.
	Maxima	16	28	20	16	80
*1	**Hussey, G. F., jr**	13.66	24.86	17.34	15.62	71.48
*2	**Bourne, R. C**	12.74	24.18	18.41	14.32	69.65
*3	**Keliher, T. J., jr**	12.92	23.49	17.29	15.00	68.70
*4	**Miles, A. C**	13.72	24.41	16.73	13.76	68.62
*5	**Horne, H. M**	13.66	24.23	17.12	13.20	68.21
6	Mullinix, H. M	12.90	24.72	17.37	12.78	67.77
7	Earle, N. P	13.76	24.28	16.81	12.64	67.49
8	Berkey, R. S	14.22	25.13	15.76	11.94	67.05
9	MacKay, W. E	12.16	23.55	16.58	14.54	66.83
10	Emerson, A. T	13.76	21.12	17.10	14.84	66.82
11	Fechteler, W. M	13.70	23.64	16.14	12.74	66.22
12	Hardison, O. B	12.18	23.66	16.97	13.38	66.19
13	Davison, R. E	13.96	21.26	17.66	12.66	65.54
14	Moon, D. P	13.80	22.00	17.02	12.42	65.24
15	Krez, C. A	13.18	21.16	17.83	13.02	65.19
16	Webb, W. W	14.00	22.36	15.80	12.80	64.96
17	Awtrey, R. A	12.54	22.90	16.39	12.94	64.77
18	Schmidt, H	12.46	23.72	15.94	12.56	64.68
19	Hitchcock, R. S	15.14	23.84	14.96	10.64	64.58
20	Kitts, W. A. 3d	12.54	23.67	16.35	11.86	64.42
21	Sitz, W. H	12.18	22.19	16.98	13.02	64.37
22	Kalk, S. F	13.84	23.25	14.97	12.04	64.10
23	Dague, B. S	12.58	22.05	16.82	12.46	63.91
24	Bogan, G. F	12.96	22.04	16.26	12.62	63.88
25	Wead, F. W	13.72	21.29	16.15	12.66	63.82
26	Thompson, W. M	12.52	23.49	15.92	11.82	63.75
27	Joy, C. T	12.54	21.66	15.35	14.06	63.61
28	Craven, F. B	14.50	22.05	14.48	12.40	63.43
29	Bagby, L. W	13.24	20.28	16.47	13.38	63.37
30	Bunnell, G. F	12.14	21.59	16.27	13.32	63.32
31	Williams, J. E	13.18	20.95	15.87	13.12	63.12
32	Ziroli, H. W	13.80	19.85	14.54	14.86	63.05
33	Alexander, B. R	11.72	22.93	16.13	12.26	63.04
34	Sutherland, W. C	12.10	21.70	16.86	12.20	62.86
35	Broadfoot, H. B	11.94	22.33	16.22	12.12	62.61
36	Schott, W. W	12.12	20.89	16.02	13.48	62.51
37	Ketcham, T	12.36	22.79	15.51	11.72	62.38
38	Kenworthy, J. L	12.28	21.83	16.18	12.02	62.31

Merit roll of the present members, third class, for the first year of the academic course—annual examination, June, 1913—214 members—Continued.

Order of general merit.	Names.	Mechanical drawing.	Mathematics.	English.	Modern languages.	Aggregate.
	Maxima	16	28	20	16	80
39	Glutting, P. R.	12.40	22.59	15.40	11.88	62.27
40	Swenson, L. K.	12.16	22.69	16.39	10.90	62.14
41	Rogers, A. C.	11.68	19.91	16.05	14.44	62.08
42	Rodgers, B. J.	12.52	21.70	15.95	11.80	61.97
43	Major, E. M.	11.70	21.77	16.33	12.10	61.90
44	Blackburn, C. K.	10.28	21.55	16.67	13.34	61.84
45	Casey, W. R.	12.62	21.74	14.95	12.52	61.83
46	Dudley, S. E.	13.80	21.60	15.39	11.02	61.81
46	Furey, B. G.	12.40	20.96	16.53	11.92	61.81
48	Brewster, G. P., jr.	11.90	23.47	14.99	11.44	61.80
49	Baugh, H. V. C.	12.20	22.41	14.96	12.20	61.77
50	Selman, A. J.	12.86	21.01	16.08	11.76	61.71
51	Gates, N. N.	12.66	19.05	16.35	13.56	61.62
52	Kirtland, S. W.	13.64	21.28	14.55	12.06	61.53
53	Carlson, M. O.	12.72	20.43	15.97	12.32	61.44
54	Northern, P. L.	12.42	21.68	15.04	12.26	61.40
55	Meadows, P. L.	12.42	22.28	14.98	11.68	61.36
56	Watters, J. S., jr.	10.62	21.33	16.63	12.68	61.26
57	Lyle, H. K.	11.84	21.71	15.73	11.92	61.20
58	Halpine, C. G.	12.24	19.21	15.50	14.12	61.07
59	Reed, M. W.	12.48	19.89	15.25	13.44	61.06
60	Braine, C. E., jr.	11.38	22.24	15.05	12.36	61.03
61	Sternberg, J. A.	13.86	21.50	14.31	11.32	60.99
62	Safford, L. F.	11.74	21.43	15.52	12.24	60.93
63	Ryan, D. L.	13.18	21.03	15.05	11.64	60.90
64	Fiske, L. S.	12.08	21.49	15.29	12.00	60.86
65	Frazer, A. E.	12.12	20.82	15.97	11.94	60.85
66	Hawthorne, W. G.	12.54	20.50	16.17	11.62	60.83
67	Geisenhoff, A. C.	12.54	20.98	15.59	11.62	60.73
68	Bateman, A. H.	10.74	21.93	16.19	11.82	60.68
69	Gregory, J. W.	13.34	19.93	14.98	12.40	60.65
70	Gibson, M. E.	11.84	20.24	15.46	12.96	60.50
71	Baker, C. A.	11.88	19.85	15.89	12.89	60.46
71	Forrestel, W. J.	11.80	20.98	15.50	12.18	60.46
73	Hamill, C. W.	12.00	20.78	15.68	11.96	60.42
74	Price, W. R.	11.06	21.53	14.98	12.78	60.35
75	Roper, C. H.	11.54	21.27	16.00	11.52	60.33
76	Vail, L. R.	12.84	21.10	14.50	11.78	60.22

Merit roll of the present members, third class, for the first year of the academic course—annual examination, June, 1913—214 members—Continued.

Order of general merit.	Names.	Mechanical drawing.	Mathematics.	English.	Modern languages.	Aggregate.
	Maxima	16	28	20	16	80
77	Loventhal, W. F	11.28	22.14	14.98	11.80	60.20
77	Terhune, J. A	11.18	22.49	15.23	11.30	60.20
79	Erickson, O. W	11.36	21.16	16.15	11.52	60.19
80	Lyle, C. H	12.94	20.56	15.42	11.22	60.14
81	Cauldwell, O. R	10.36	21.68	15.69	12.34	60.07
82	Bacon, W. P	12.20	20.43	16.09	11.32	60.04
83	Bloom, J. M	11.66	21.72	15.48	11.10	59.96
84	Carney, R. B	13.16	18.83	15.88	12.04	59.91
85	Webb, A. W	11.72	21.69	14.69	11.76	59.86
86	Phelps, H. L	11.10	18.48	15.43	14.84	59.85
87	Grosskopf, H. L	12.72	20.66	14.83	11.48	59.69
88	Carpenter, D. M	13.12	19.40	16.09	11.06	59.67
89	Craig, C	11.86	21.48	14.15	12.14	59.63
90	Feineman, W. W	12.32	19.93	15.59	11.76	59.60
91	Borden, W. E., jr	11.02	21.02	15.19	12.36	59.59
92	Alger, M. M	11.70	20.96	14.70	12.20	59.56
92	Keady, W. L	11.52	20.09	14.75	13.20	59.56
94	White, H. J	10.98	17.89	15.56	15.00	59.43
95	Sauer, E. P	13.76	20.30	14.76	10.56	59.38
95	Woodward, D. C	11.96	21.55	14.65	11.22	59.38
97	Walker, R. J	14.10	20.89	13.61	10.62	59.22
98	Holcombe, B. R	10.76	19.07	16.13	13.22	59.18
99	Ginder, S. P	12.62	21.39	13.93	11.04	58.98
99	Reinburg, J. E	11.82	19.84	15.56	11.76	58.98
101	Goen, P. S	12.08	20.48	15.08	11.32	58.96
102	Claghorn, R. R	11.88	20.17	14.70	12.20	58.95
103	Twining, R. B	11.08	20.73	15.87	11.22	58.90
104	Hamilton, S. A	11.10	19.29	15.21	13.28	58.88
104	Patterson, T. T	13.46	18.18	16.20	11.04	58.88
106	Warner, T. D	12.58	20.48	14.34	11.46	58.86
107	Beatty, F. E., jr	12.64	20.13	14.76	11.30	58.83
108	Flood, B. P	11.22	20.21	15.62	11.72	58.77
109	Duke, W. E	11.54	20.05	16.05	11.08	58.72
110	Briggs, G. W	10.72	20.37	15.69	11.92	58.70
111	Ragsdale, V. H	10.80	20.27	15.87	11.68	58.62
112	Cecil, C. P	13.00	20.29	14.21	11.04	58.54
113	Morgan, G	12.12	20.78	14.71	10.84	58.45
114	Kirtland, T. D	12.52	19.46	14.61	11.84	58.43

Merit roll of the present members, third class, for the first year of the academic course—annual examination, June, 1913—214 members—Continued.

Order of general merit.	Names.	Mechanical drawing.	Mathematics.	English.	Modern languages.	Aggregate.
	Maxima	16	28	20	16	80
115	Cooper, T. V.	11.82	20.79	14.66	11.14	58.41
116	Ericsson, E. L.	11.84	20.46	15.51	10.58	58.39
117	Rhudy, A. M.	11.86	20.65	14.81	10.98	58.30
118	Ballou, L. B.	12.92	19.30	15.27	10.74	58.23
119	Jacobsen, A. W.	10.88	20.37	14.55	12.40	58.20
120	Mayer, A. D. G.	11.26	20.26	15.14	11.50	58.16
121	Boyer, W. F.	11.34	19.87	15.56	11.38	58.15
122	Solberg, T. A.	11.10	20.12	15.48	11.42	58.12
123	Carrington, W. S	10.72	19.00	15.34	12.98	58.04
124	Klein, G. C.	11.04	20.64	14.95	11.40	58.03
125	Fallon, H. N.	11.20	20.50	14.42	11.90	58.02
126	Lawrence, N. T., jr.	12.06	19.92	13.61	12.42	58.01
127	Brown, L. F.	11.46	19.61	15.38	11.44	57.89
128	Grassie, H. J.	10.56	19.86	14.42	13.04	57.88
129	Schrader, A. E.	11.78	17.82	15.77	12.48	57.85
130	Pamperin, A. T.	12.62	19.80	14.15	11.16	57.73
131	Berwind, C. G.	13.10	19.99	13.82	10.80	57.71
132	Miller, W. E.	11.88	18.05	14.30	13.46	57.69
133	Kercher, M. A.	11.54	20.94	14.38	10.70	57.56
134	Martin, G. F.	11.20	19.35	14.95	11.94	57.44
135	Betts, J. E.	12.38	19.06	14.17	11.82	57.43
136	Massman, H. B., jr.	12.58	18.51	15.33	10.96	57.38
137	Lawson, J. H.	10.92	18.77	16.39	11.20	57.28
138	Moore, A. J.	12.00	19.11	14.90	11.24	57.25
139	Radford, A. W.	12.00	18.97	15.23	11.02	57.22
140	Cowles, W. B.	12.14	19.07	14.11	11.88	57.20
140	Root, A. B.	11.66	20.44	13.60	11.50	57.20
142	Wilkes, J.	10.52	20.44	15.00	11.22	57.18
143	Swink, R. C.	11.48	21.17	13.75	10.68	57.08
144	Havill, C. H.	12.34	20.41	14.13	10.04	56.92
145	Sumners, G. W.	10.58	21.02	14.31	10.88	56.79
146	Jenkins, B. F.	11.34	20.11	14.96	10.36	56.77
147	Rutledge, P. W.	11.06	18.69	15.58	11.16	56.49
148	Carr, T. De W.	11.42	19.58	13.97	11.48	56.45
149	Jefferis, L. V.	12.24	19.34	14.35	10.50	56.43
150	La Motte, R. S.	12.34	18.46	13.58	12.00	56.38
151	Burhans, A. D.	11.64	19.47	14.32	10.94	56.37
152	Simms, J. W.	11.30	18.17	15.11	11.78	56.36

Merit roll of the present members, third class, for the first year of the academic course—annual examination, June, 1913—214 members—Continued.

Order of general merit.	Names.	Mechanical drawing.	Mathematics.	English.	Modern languages.	Aggregate.
	Maxima	16	28	20	16	80
153	Price, G. D.	12.34	19.34	14.07	10.60	56.35
154	Vincent, J. A.	11.62	17.86	13.91	12.92	56.31
155	Mayfield, S. G., jr.	9.88	20.17	14.99	11.20	56.24
156	Benson, F. W.	11.16	19.74	13.74	11.54	56.18
157	Price, J. D.	10.86	19.20	14.57	11.54	56.17
158	Earnhardt, E. S.	11.34	19.34	14.50	10.94	56.12
159	Webb, R. E.	12.14	19.65	13.79	10.48	56.06
160	Lennon, J. J.	11.50	19.50	14.32	10.72	56.04
161	Durgin, C. T.	11.16	20.12	13.69	11.06	56.03
†162	Wheeler, C. J.	10.08	17.97	15.22	12.70	55.97
163	Heath, W. S.	11.64	18.98	14.00	11.34	55.96
164	Carson, J. H.	11.50	19.35	14.24	10.84	55.93
165	Chapline, G. F.	12.20	19.14	13.87	10.70	55.91
166	Cole, M.	12.28	19.12	13.54	10.96	55.90
167	Jones, R. H.	11.02	18.60	15.43	10.68	55.73
†168	Hilton, C. H.	11.08	17.30	13.40	13.64	55.42
169	Jones, R. K.	10.94	19.24	13.57	11.64	55.39
170	Cochrane, E. F.	10.74	18.81	13.89	11.84	55.28
171	Cowley, P. R.	10.34	18.68	13.65	12.56	55.23
172	Sawyer, A. Le R.	10.84	19.55	13.95	10.80	55.14
173	Failing, R. Van A.	12.08	19.00	13.41	10.62	55.11
174	Cooper, L.	11.10	18.49	13.76	11.74	55.09
175	Steele, J. M.	11.68	18.84	13.60	10.88	55.00
176	Smith, E. M.	11.42	18.79	14.08	10.66	54.95
177	Wynkoop, N. O.	11.42	19.57	13.74	10.18	54.91
178	Fuller, E. C.	10.62	18.85	13.99	11.38	54.84
†179	Holmes, M. G.	10.18	17.23	15.73	11.68	54.82
180	McFall, A. C.	10.56	19.12	14.63	10.46	54.77
181	Davidson, G. D.	10.66	18.39	14.58	11.12	54.75
182	Evans, C. E.	11.76	17.77	13.66	11.48	54.67
182	Jenkins, E. H.	10.74	19.26	13.95	10.72	54.67
*br*184	King, E. D.	11.08	19.79	13.73	10.04	54.64
185	McGinnis, K.	12.08	18.27	13.88	10.40	54.63
186	Gill, C. C.	10.80	18.82	14.60	10.32	54.54
187	Hoover, G. C.	11.60	18.90	13.67	10.30	54.47
188	Gilliam, C. T.	10.92	18.39	13.69	11.44	54.44
189	Roberts, J. S., jr.	10.26	18.83	14.27	10.94	54.30
190	Kennedy, R. N.	10.66	18.24	13.75	11.52	54.17

Merit roll of the present members, third class, for the first year of the academic course—annual examination, June, 1913—214 members—Continued.

Order of general merit.	Names.	Mechanical drawing.	Mathematics.	English.	Modern languages.	Aggregate.
	Maxima	16	28	20	16	80
191	Scott, J. A.	11.12	17.69	14.36	10.72	53.89
192	Redfield, H. J.	10.98	18.27	14.00	10.56	53.81
193	Merwin, H. C.	10.82	18.63	13.91	10.44	53.80
†194	Ryan, J. B.	11.54	17.38	14.38	10.40	53.70
195	Stonestreet, M. B.	11.40	17.95	13.47	10.68	53.50
*br*196	Dailey, J. E.	11.22	17.26	14.35	10.54	53.37
197	Compton, J. P.	10.50	18.62	13.58	10.60	53.30
198	Tildsley, J. M.	10.74	17.85	14.23	10.46	53.28
199	Jones, H. S.	11.66	17.91	13.22	10.44	53.23
200	Marston, F. R.	10.96	18.66	13.04	10.48	53.14
*br*201	Wahl, E. A.	10.30	17.70	14.02	11.04	53.06
202	Van Buskirk, R. J.	10.46	19.30	12.76	10.24	52.76
203	Durant, A.	10.88	18.19	13.43	10.18	52.68
204	Wessell, L. P.	10.36	18.71	13.09	10.16	52.32
205	Young, C.	9.90	18.60	13.09	10.72	52.31
206	Davis, J. K.	9.92	17.54	14.18	10.62	52.26
207	Herndon, L.	10.08	18.97	12.69	10.06	51.80
*hr*208	Rough, J., jr.	9.52	16.57	14.22	11.44	51.75
209	Hinton, J.	10.40	17.51	13.04	10.56	51.51
†210	Stoffel, E. J.	10.50	16.82	13.66	10.16	51.14
†211	Parker, I.	9.98	18.02	12.60	10.40	51.00
*hr*212	Hendley, T. B.	10.26	16.34	13.35	10.52	50.47
*hr*213	Foley, F. C.	9.26	15.90	14.01	11.20	50.37
	Nelson, D. D.	.....	.....	.....	.....	.....

Candidates for the Naval Academy, and their parents and others interested in them, are urged to consider the advantages of completing their preparation for the Naval Academy at schools near home or with which they are familiar. The character of the entrance examination is clearly indicated in the specimens furnished, and in this pamphlet there is complete information as to the ground that the examination covers. With these guides it should be possible for any candidate, whose previous study has been faithful, to work to better advantage at his own home school than he could at a special preparatory school, "cramming" for the entrance examination. The authorities of the Naval Academy and of the Navy Department do not recommend any preparatory school for candidates, believing that it is more favorable, both to the candidate and to the naval service, to continue his preparation among persons familiar with his previous education and deeply interested in his individual success, rather than to subject him to the doubtful influences attendant upon entering another school, among strange surroundings and companions, for the short interval between appointment and entering the academy.

The advantage to candidates of securing their appointments as long as possible in advance of entrance is obvious, not only for passing the entrance examination, but also, and chiefly, for attaining high standing in the academic course.

REGULATIONS GOVERNING THE ADMISSION OF CANDIDATES INTO THE NAVAL ACADEMY AS MIDSHIPMEN.

GENERAL REMARKS.

1. There being no provision whatever for the payment of the traveling expenses of rejected candidates for admission, no candidate should fail to provide himself in advance with the means of returning home, in case of his rejection before either of the examining boards, as otherwise he may be put to considerable inconvenience.

2. It is suggested to all candidates for admission to the Naval Academy that, before leaving their places of residence for Annapolis, they should cause themselves to be *thoroughly examined by a competent physician*, particularly regarding eyesight, hearing, and heart trouble; and by a teacher or instructor in good standing. A defect such as varicocele, which is ordinarily removable by operation, should be remedied prior to appearing at the Naval Academy for physical examination. By such an examination any serious physical disqualification or deficiency in mental preparation would be revealed, and the candidate probably spared the expense and trouble of a useless journey and the mortification of rejection. It should be understood that the informal examination herein recommended is solely for the convenience and benefit of the candidate himself, and can in no manner affect the decision of the examining boards at Annapolis.

3. A sound body and constitution, suitable preparation, good natural capacity, an aptitude for study, industrious habits, perseverence, an obedient and orderly disposition, and a correct moral deportment are such essential qualifications that candidates knowingly deficient in any of these respects should not, as many do, subject themselves and their friends to the chances of future mortification and disappointment by accepting appointments at the Naval Academy and entering on a career which they can not successfully pursue.

4. The selection of candidates, by competitive examination or otherwise, for nomination from any congressional district, is entirely in the hands of the Member of Congress entitled to the appointment, and all applications for appointment or inquiries relative to competitive examinations should be addressed to the Congressman representing the congressional district in which the vacancy exists.

Copies of the entrance regulations showing a syllabus of the first year's work at the Naval Academy and specimen examination questions may be obtained on application to the Bureau of Navigation, Navy Department, or to the Superintendent of the Naval Academy; and as soon as nominated a copy of each of these publications will be orwarded direct to each candidate in order that he may spend his time profitably at his local school, and be better prepared to pursue his course at the Naval Academy successfully.

5. Special attention is called to the physical requirements of candidates, page 136.

NOMINATION.

6. The students of the Naval Academy are styled midshipmen.

7. Two midshipmen are allowed for each Senator, Representative, and Delegate in Congress, two for the District of Columbia, and ten each year from the United States at large. The appointments from the District of Columbia and ten each year at large are made by the President

8. One midshipman is allowed from Porto Rico, who must be a native of that island. The appointment is made by the President, on the recommendation of the Governor of Porto Rico.

9. After June 30, 1919, each Senator, Representative, and Delegate in Congress will be allowed to appoint but one midshipman instead of two.

10. The course for midshipmen is four years. Examinations on the ground covered are held at the end of each academic term. During the summer, midshipmen of the first, second, and third classes go to sea for about three months.

11. Midshipmen after graduation are commissioned as ensigns in the Navy; and occasionally to fill vacancies in the Marine Corps and in certain of the staff corps of the Navy.

12. "Hereafter the Secretary of the Navy shall, as soon as possible after the 1st day of June of each year preceding the graduation of midshipmen in the succeeding year, notify in writing each Senator, Representative, and Delegate in Congress of any vacancy that will exist at the Naval Academy because of such graduation, or that may occur for other reasons, and which he shall be entitled to fill by nomination of a candidate and one or more alternates therefor. The nomination of a candidate and alternate or alternates to fill said vacancy shall be made upon the recommendation of the Senator, Representative, or Delegate, if said recommendation is made by the 4th day of March of the year following that in which said notice in writing is given, but if it is not made by that time the Secretary of the Navy shall fill the vacancy by appointment of an actual resident of the State, congressional district, or Territory, as the case may be, in which the vacancy will exist, who shall have been for at least two years immediately preceding the date of his appointment an actual and bona fide resident of the State, congressional district, or Territory in which the vacancy will exist and of the legal qualification under the law as now provided. In cases where by reason of a vacancy in the membership of the Senate or House of Representatives, or by the death or declination of a candidate for admission to the academy, there occurs or is about to occur at the academy a vacancy for any State, district, or Territory that can not be filled by nomination as herein provided, the same may be filled as soon thereafter and before the final entrance examination for the year as the Secretary of the Navy may determine."—(*Act approved June 29, 1906.*

13. Candidates allowed for congressional districts, for Territories, and for the District of Columbia must be actual residents of the districts or Territories, respectively, from which they are nominated.

14. All candidates must, at the time of their examination for admission, be between the ages of 16 and 20 years. A candidate is eligible for examination on the day he becomes 16 and is ineligible on the day he becomes 20 years of age.

EXAMINATION.

15. "*All candidates for admission into the academy shall be examined according to such regulations and at such stated times as the Secretary of the Navy may prescribe. Candidates rejected at such examination shall not have the privilege of another examination for admission to the same class unless recommended by the board of examiners.*"—(*Rev. Stat., § 1515.*)

16. When any candidate who has been nominated upon the recommendation of a Senator, Member, or Delegate of the House of Representatives is found, upon examination, to be physically or mentally disqualified for admission, the Senator, Member, or Delegate shall be notified to recommend another candidate, who shall be examined according to the provisions of the preceding section.

17. Beginning with the year 1913, but two examinations for admission of midshipmen to the Naval Academy will be held each year, as follows: The first examination to be held on the third Tuesday in February, the second on the third Tuesday in April,

under the supervision of the Civil Service Commission, at points named in the accompanying list. All those qualifying mentally who are entitled to appointment in order of nomination will be notified by the superintendent of the Naval Academy when to report at the academy for physical examination, and if physically qualified will be appointed.

LIST OF POINTS AUTHORIZED FOR FEBRUARY AND APRIL EXAMINATIONS.

Alabama	Birmingham.	
	Mobile.	C. H.
	Montgomery.	
Arizona	Douglas.	C. H.
	Phoenix.	
	Prescott.	
	Tucson.	
Arkansas	Fayetteville.	
	Fort Smith.	
	Helena.	
	Jonesboro.	
	Little Rock.	
	Texarkana.	
California	Eureka.	
	Fresno.	
	Los Angeles.	C. H.
	Marysville.	
	Red Bluff.	
	Sacramento.	
	San Bernardino.	
	San Diego.	
	San Francisco.	
	San Jose.	
	San Luis Obispo.	
Colorado	Colorado Springs.	
	Denver.	
	Durango.	
	Fort Collins.	
	Grand Junction.	
	Leadville.	
	Montrose.	
	Pueblo.	
	Trinidad.	
Connecticut	Hartford.	C. H.
	Middletown.	
	New Haven.	
Delaware	Wilmington.	
District of Columbia	Washington.	
Florida	Gainesville.	
	Jacksonville.	
	Key West.	
	Miami.	
	Pensacola.	
	Tampa.	
Georgia	Athens.	
	Atlanta.	
	Augusta.	
	Macon.	
	Savannah.	
	Thomasville.	
Hawaii	Honolulu.	C. H.
Idaho	Boise.	
	Moscow.	
	Pocatello.	
Illinois	Cairo.	
	Champaign.	
	Chicago.	
	East St. Louis.	
	Freeport.	
	Peoria.	
	Quincy.	
	Springfield.	
Indiana	Bloomington.	
	Evansville.	
	Fort Wayne.	
	Indianapolis.	
	La Fayette.	
	New Albany.	
	Richmond.	
	South Bend.	
	Terre Haute.	
	Valparaiso.	
Iowa	Ames.	
	Burlington.	
	Council Bluffs.	
	Davenport.	
	Des Moines.	
	Dubuque.	
	Fort Dodge.	
	Iowa City.	
	Mason City.	
	Sioux City.	
	Waterloo.	
Kansas	Concordia.	
	Emporia.	
	Fort Scott.	
	Kansas City.	
	Lawrence.	
	Manhattan.	
	Salina.	
	Topeka.	
	Wichita.	
Kentucky	Ashland.	
	Bowling Green.	
	Covington.	
	Lexington.	
	Louisville.	
	Owensboro.	
	Paducah.	
Louisiana	Alexandria.	
	Baton Rouge.	
	Lake Charles.	
	Monroe.	
	New Orleans.	C. H.
	Shreveport.	
Maine	Bangor.	
	Bath.	
	Calais.	C. H.
	Houlton.	
	Lewiston.	
	Portland.	
Maryland	Baltimore.	
	Cumberland.	
	Salisbury.	
Massachusetts	Boston.	
	Fall River.	
	Fitchburg.	
	Lawrence.	
	Lowell.	
	Pittsfield.	
	Springfield.	
	Worcester.	
Michigan	Ann Arbor.	
	Detroit.	
	Grand Rapids.	
	Manistee.	
	Marquette.	
	Saginaw.	
	Sault Ste. Marie.	
	Traverse City.	

LIST OF POINTS AUTHORIZED FOR FEBRUARY AND APRIL EXAMINATIONS—contd.

Minnesota	Crookston.	
	Duluth.	
	Fergus Falls.	
	Mankato.	
	St. Paul.	
Mississippi	Greenville.	
	Holly Springs.	
	Meridian.	
	Vicksburg.	
Missouri	Cape Girardeau.	
	Columbia.	
	Jefferson City.	
	Kansas City.	
	Kirksville.	
	Poplar Bluff.	
	Springfield.	
	St. Joseph.	
	St. Louis.	OLD C. H.
	Warrensburg.	
Montana	Billings.	
	Bozeman.	
	Butte.	
	Great Falls.	C. H.
	Helena.	
	Kalispell.	
	Miles City.	
	Missoula.	
Nebraska	Alliance.	
	Grand Island.	
	Lincoln.	
	Nebraska City.	
	Norfolk.	
	North Platte.	
	Omaha.	
Nevada	Carson City.	
	Reno.	
New Hampshire	Concord.	
	Hanover.	
	Keene.	
	Manchester.	
	Portsmouth.	
New Jersey	Newark.	
	Trenton.	
New Mexico	Albuquerque.	
	East Las Vegas.	
	Las Vegas.	
	Roswell.	
	Santa Fe.	
New York	Binghamton.	
	Buffalo.	
	Elmira.	
	Ithaca.	
	Jamestown.	
	New York.	C. H.
	Ogdensburg.	C. H.
	Plattsburg.	C. H.
	Poughkeepsie.	
	Rochester.	
	Syracuse.	
	Troy.	
	Utica.	
North Carolina	Asheville.	
	Charlotte.	
	Durham.	
	Goldsboro.	
	Greensboro.	
	Raleigh.	
	Wilmington.	
North Dakota	Bismarck.	
	Dickinson.	
	Fargo.	
	Grand Forks.	
	Minot.	
	Pembina.	C. H.
	Williston.	
Ohio	Canton.	
	Chillicothe.	
	Cincinnati.	
	Cleveland.	C. H.
	Columbus.	
	Dayton.	
	Ironton.	
	Lima.	
	Mansfield.	
	Marietta.	
	Portsmouth.	
	Steubenville.	
	Toledo.	
	Youngstown.	
	Zanesville.	
Oklahoma	Ardmore.	
	Enid.	
	Guthrie.	
	McAlester.	
	Muskogee.	
	Oklahoma.	
Oregon	Astoria.	C. H.
	Baker City.	
	Corvallis.	
	Eugene.	
	Grants Pass.	
	Pendleton.	
	Portland.	
Pennsylvania	Altoona.	
	Harrisburg.	
	Philadelphia.	
	Pittsburgh.	
	South Bethlehem.	
	Warren.	
	Wilkes-Barre.	
	Williamsport.	
Porto Rico	San Juan.	
Rhode Island	Providence.	
South Carolina	Charleston.	
	Columbia.	
	Greenville.	
South Dakota	Aberdeen.	
	Deadwood.	
	Pierre.	
	Sioux Falls.	
	Watertown.	
Tennessee	Bristol.	
	Chattanooga.	
	Knoxville.	
	Memphis.	
	Nashville.	
Texas	Amarillo.	
	Austin.	
	Brownsville.	C. H.
	Dallas.	
	El Paso.	C. H.
	Houston.	
	San Antonio.	
	Waco.	
Utah	Logan.	
	Provo.	
	Salt Lake City.	
Vermont	Burlington.	C. H.
	Montpelier.	
	Rutland.	
	St. Johnsbury.	
Virginia	Alexandria.	
	Charlottesville.	
	Lynchburg.	
	Norfolk.	
	Richmond.	
	Roanoke.	
	Staunton.	

LIST OF POINTS AUTHORIZED FOR FEBRUARY AND APRIL EXAMINATIONS—contd.

Washington	Bellingham.	
	North Yakima.	
	Port Townsend.	C. H.
	Pullman.	
	Seattle.	
	Spokane.	
	Tacoma.	
	Vancouver.	
	Walla Walla.	
West Virginia	Charleston.	
	Fairmont.	
	Huntington.	
	Martinsburg.	
	Parkersburg.	
	Wheeling.	
Wisconsin	Appleton.	
	Ashland.	
	Chippewa Falls.	
	La Crosse.	
	Madison.	
	Marinette.	
	Milwaukee.	
	Wausau.	
Wyoming	Cheyenne.	
	Laramie.	
	Rock Springs.	
	Sheridan.	

Candidates may be examined at any of the places named in the accompanying list.

Senators and Representatives are requested, when designating their nominees, to give the place at which it is desired they should be examined.

18. Alternates are given the privilege of reporting for mental examination at the same time with the principal.

19. No examination will be held later than the third Tuesday in April. The large number of midshipmen to be instructed and drilled makes this rule necessary, and it is to the great advantage of the new midshipmen themselves. The summer months are utilized in preliminary instruction in professional branches and drills, such as handling boats under oars and sails, and in seamanship, gunnery, and infantry drills. These practical exercises form most excellent groundwork as a preparation for the academic course.

20. The examination papers used in all examinations are prepared at the Naval Academy and the examinations of candidates are finally passed upon by the academic board. No candidate shall be admitted unless, in the opinion of the academic board, he shows the requisite mental qualifications.

21. Under the law, candidates failing to pass the entrance examination can not be allowed another examination for admission to the same class unless recommended for reexamination by the academic board.

22. Candidates who have successfully passed the entrance examination in a previous year shall not be required to take another mental examination for admission in the event of reappointment.

23. The Civil Service Commission merely conducts the examination of candidates whose names have been furnished by the Navy Department. All correspondence relative to the nomination and examination of candidates should be addressed to the Bureau of Navigation, Navy Department, Washington, D. C.

24. Candidates will be required to enter the academy *immediately after passing the prescribed mental and physical examinations*, or at such times as the Secretary of the Navy may designate.

25. *No leaves of absence will be granted to midshipmen of the fourth class.*

26. Candidates will be examined physically at the Naval Academy by a board composed of three medical officers of the Navy, whose decision will be final.

Physical examinations will habitually be held at the following times:

For candidates mentally examined in February, April, or in a previous year, at a date designated by the Superintendent of the Naval Academy, who will inform each candidate when to present himself for physical examination. The usual date for the physical examination is the first week in June of each year.

MORAL REQUIREMENTS.

27. Candidates must be of good moral character. *No candidate who has been dismissed for "inaptitude" in accordance with act of Congress approved April 9, 1906, shall be reappointed or allowed to reenter the Naval Academy.*

PHYSICAL REQUIREMENTS.

28. Candidates are required to be of good moral character, physically sound, well formed, and of robust constitution.

29. Any one of the following conditions will be sufficient to cause the rejection of a candidate, viz:

(*a*) Feeble constitution, inherited or acquired.

(*b*) Retarded development.

(*c*) Impaired general health.

(*d*) Decided cachexia, diathesis, or predisposition; anemia, from malaria or from intestinal parasites, as hookworm.

(*e*) Any disease, deformity, or result of injury that would impair efficiency; such as—

(*ea*) Weak or disordered intellect.

(*eb*) Cutaneous or communicable disease.

(*ec*) Unnatural curvature of the spine, torticollis, or other deformity.

(*ed*) Inefficiency of either of the extremities or large articulations from any cause.

(*ef*) Epilepsy or other convulsions within five years.

(*f*) Impaired vision, disease of the organs of vision, imperfect color sense; *visual acuteness must be normal, i. e., 20/20 for each eye without the aid of glasses.* There shall be no deviation from this standard.

(*g*) Impaired hearing or disease of either ear. The organs of hearing, both the conductive apparatus (outer and middle ear) and the percipient apparatus (internal ear), must be free from disease. In testing the hearing of the candidate, the voice, the ticking of a watch, and, if practicable, Politzer's acoumeter shall be employed.

The voice is a more reliable method of determining the acuteness of hearing than the ticking of an ordinary watch, as it allows for variations in hearing, with the modifications produced by changes in pitch and tone. Hearing in each ear must be normally acute to the spoken and whispered voice. In examining the acuteness of the hearing with the voice, one ear of the candidate should be closed while the other ear is being examined, and his eyes should be covered to prevent lip reading. The ticking of an ordinary watch should be heard a distance of 40 inches.

(*h*) Chronic nasal catarrh, ozaena, polypi, or great enlargement of the tonsils.

(*i*) Impediment of speech to such an extent as to impair efficiency in the performance of duty.

(*k*) Disease of heart or lungs or decided indications of liability to cardiac or pulmonary affections.

(*l*) Hernia, complete or incomplete, and undescended testis.

(*m*) Varicocele, sarcocele, hydrocele, stricture, fistula, hemorrhoids, or varicose veins of lower limbs.

(*n*) Phimosis and diseases of the genito-urinary organs.

(*o*) Ingrowing nails, bunions, cross or hammer toes, flat feet, or other deformity of feet.

(*p*) Loss of many teeth, or teeth generally unsound. Marked overbite, or lack of occlusion of jaws. There should be at least eight opposing molars, two on each side in each jaw. All defective teeth should have permanent fillings. Much time can be saved by previous attention to this requirement.

30. Attention will also be paid to the stature of the candidate, and no one *manifestly* undersize for his age will be received at the academy. The height of candidates for admission shall not be less than 5 feet 2 inches between the ages of 16 and 18 years, and not less than 5 feet 4 inches between the ages of 18 and 20 years; and the minimum weight at 16 years of age shall be 111 pounds, with an increase of not less than 3 pounds for each additional year or fraction of a year over one-half. Any *marked* deviation in the height and weight relative to the age of a candidate will add materially to the consideration for rejection.

31. Candidates must be unmarried, and any midshipman who shall marry, or who shall be found to be married, before his final graduation, shall be dismissed the service.

MENTAL REQUIREMENTS.

32. Candidates will be examined mentally in punctuation, spelling, English grammar, geography, United States history, arithmetic, algebra through quadratic equations, and plane geometry (five books of Chauvenet's geometry or equivalent). Deficiency in any one of these subjects may be sufficient to insure the rejection of the candidate. Maximum mark 4.00; passing mark 2.50. Certificates from colleges and high schools will not be accepted in lieu of entrance examinations. All candidates must take the prescribed mental and physical examinations.

GENERAL CHARACTER OF THE MENTAL EXAMINATION.

33. Reading and Writing.—Candidates must be able to read understandingly, and with proper accent and emphasis, and to write legibly, neatly, and rapidly.

34. Spelling.—They must be able to write, from dictation, a list of not more than 100 selected words, or paragraphs from standard pieces of English literature, both prose and poetry, sufficient in number to test fully their qualifications in this branch. The spelling throughout the examination will be considered in marking the papers. The academic board are instructed not to reject a candidate whose only deficiency is in spelling when the mark therefor is above a certain figure, to be fixed by the board, subject to the revision of the department.

35. Punctuation and Capitals.—They must be familiar with the rules for punctuation and for the use of capitals. In order to test their knowledge, sentences may be given for correction. Punctuation and the use of capitals throughout the examination will be considered in marking papers.

36. Grammar.—Candidates must exhibit thorough familiarity with English grammar; they must be able to analyze and parse any sentence given, showing clearly the relations between the different parts of speech, and giving the rules governing those relations. The subject and predicate in the sentence must be given, with modifiers (if any), and also the part of speech, and kind, case, voice, mood, tense, number, person, degree of comparison, etc., as the case may be, of each word, and its relation to other words in the sentence.

They must be able to define the terms used in grammar, a number of which may be given as a test of their knowledge.

Sentences containing grammatical mistakes may be given for correction.

A composition on one of three subjects will be required.

Since the school grammars used in different parts of the country vary among themselves in their treatment of certain words, an answer approved by any grammar of good repute will be accepted.

37. Geography.—Candidates will be required to pass a satisfactory examination in descriptive geography, particularly of our own country. Questions will be given under the following heads: The definitions of latitude and longtiude (including problems with regard to differences of time between places); the zones; the grand divisions of land and water; the character of coast lines; the climate of different parts of the United States; trade winds; the direction and position of important mountain chains and the locality of the higher peaks; the position and course of the principal rivers, their tributaries, and the bodies of water into which they flow; the position of important seas, bays, gulfs, and arms of the sea; the position of independent States, their boundaries and capital cities; the position and direction of great peninsulas and the situation of important and prominent capes, straits, sounds, channels, and the most important canals; great lakes and inland seas; position and political connection of important islands and colonial possessions; location of cities of historical, political, or commercial importance, attention being especially called to the rivers and bodies of water on which cities are situated; the course of a vessel in making a voyage between well-known ports.

The candidate's knowledge of the geography of the United States can not be too full or specific on all the points referred to above. Accurate knowledge will also be required of the position of the country with reference to other States, and with reference to latitude and longitude, of the boundaries and relative position of the States and Territories, of the name and position of their capitals, and of other important cities and towns.

The following-named textbooks are used in preparing examination questions: Mitchell's New School Atlas; Complete Geography, by A. E. Fry; Natural Advanced Geography, by Redway and Hinman.

38. United States History.—The examination in this branch will include questions concerning the early settlements in this country; the forms of government in the colonies; the causes, leading events, and results of wars; and prominent events in the history of our Government since its foundation.

The following-named textbooks are used in preparing examination questions: A Student's History of the United States, by Edward Channing; The Students' American History, by D. H. Montgomery; A School History of the United States, by John Bach McMaster.

39. Arithmetic.—The candidate will be required—

To express in figures any whole, decimal, or mixed number, to write in words any given number, to perform with facility and accuracy the various operations of addition, subtraction, multiplication, and division of whole numbers, whether abstract or compound, and to use with facility the tables of money, weights, and measures in common use, including English money.

To reduce compound numbers from one denomination to another, and to express them as decimals or fractions of a higher or lower denomination; to state the number of cubic inches in a gallon and the relation between the troy and avoirdupois pounds, and to reduce differences of time to differences of longitude, and *vice versa*.

To define prime and composite numbers; to give tests of divisibility by 3, 5, 9, 11, 25, and 125; to resolve numbers into their prime factors, and to find the least common multiple and the greatest common divisor of large as well as of small numbers.

To be familiar with all the processes of common and decimal fractions; to give clearly the reasons for such processes, and to be able to use the contracted methods of multiplication and division given in the ordinary textbooks on arithmetic.

To define ratio and proportion, and to solve problems in simple and compound proportion.

To solve problems involving the measurement of rectangular surfaces and of solids; to find the square roots and the cube roots of numbers, and to solve simple problems under percentage, interest, and discount.

The candidates are required to possess such a thorough understanding of all the fundamental operations of arithmetic as will enable them to apply the various principles to the solution of any complex problem that can be solved by the methods of arithmetic; in other words, they must possess such a complete knowledge of arithmetic as will enable them to proceed at once to the higher branches of mathematics without further study of arithmetic.

The required ground is completely covered by any one of the following textbooks: Advanced Arithmetic, by G. A. Wentworth (first 16 chapters); A High School Arithmetic, by Wentworth and Hill; Standard Arithmetic, by William J. Milne; Arithmetic in Theory and Practice, by J. Brook-Smith.

40. Algebra.—The examination in algebra will include questions and problems upon the fundamental rules, factoring, greatest common divisor, least common multiple, algebraic fractions, equations of the first degree with one or more unknown quantities simplification of expressions involving surds, and the solution and theory of quadratic equations, problems involving the formation of simple and quadratic equations, and the meaning and law of exponents, positive, negative, and fractional.

The requirements are fully expressed in Wentworth's College Algebra (Revised), first 14 chapters, or Wentworth's Elementary Algebra, first 21 chapters; Milne's Academic Algebra, 324 pages.

41. Geometry.—In geometry, candidates will be required to give accurate definitions of terms used in plane geometry, to demonstrate any proposition of plane geometry as given in the ordinary textbooks, and to solve simple geometrical problems, either by a construction or by an application of algebra. Either of the following textbooks cover the ground required in geometry: Wentworth and Hill's Plane and Solid Geometry (5 books); Robbin's Plane Geometry; Chauvenet's Geometry (5 books).

42. The entrance examination used in June, 1913, for the purpose of determining the mental qualifications of candidates for admission is quoted below in full.

SAMPLE ENTRANCE EXAMINATION.

(June, 1913.)

DICTATION EXERCISE IN SPELLING.

[20 minutes are allowed for this subject.]

The examiner will pronounce distinctly each word, repeating the word if necessary.

1. confidence.
2. poison.
3. argument.
4. acclamation.
5. onion.
6. vegetable.
7. dictionary.
8. accessible.
9. photography.
10. radiant.
11. solar.
12. bankrupt.
13. brilliant.
14. currency.
15. uniform.
16. revolution.
17. recompense.
18. pendulum.
19. ornamental.
20. absolute.
21. drama.
22. sphere.
23. volume.
24. mistress.
25. cabinet.
26. secretary.
27. opportunity.
28. ballast.
29. electric.
30. station.
31. reality.
32. friction.
33. pulley.
34. wheedle.
35. deceive.
36. museum.
37. motor.
38. motley.
39. malign.
40. intestine.
41. university.
42. comprehend.
43. merit.
44. library.
45. trough.
46. indispensable.
47. discriminate.
48. value.
49. notable.
50. indelible.

GRAMMAR.

[2 hours allowed for this subject.]

1. (*a*) Give the past tenses of the following verbs: Lie (to be situated), beseech, fly, flow, swim, bid, come, eat, sit, see; also the past participles.

(*b*) Write sentences to illustrate the following: (1) Predicate adjective; (2) direct object; (3) noun in apposition; (4) verbal noun; (5) adverbial phrase.

2. (*a*) Punctuate the following, inserting capitals where needed:

messrs charles scribners sons new york city gentlemen for camping you need the following articles a tent that is not less than six by eight feet two blankets the regulation army blankets are excellent a heavy hatchet etc

3. Analyze the following sentence, pointing out the subject, predicate, and their modifiers:

"Near yonder copse, where once the garden smiled,
And still where many a garden flower grows wild,
There, where a few torn shrubs the place disclose,
The village preacher's modest mansion rose."

4. (*a*) Make needed corrections in the following sentences:

Who do you want? He or I?

Those kind of men get ahead every time.

I thought it was him when you spoke.

Everyone was doing their best to win out.

Running errands and chopping wood was all that he could attend to.

(*b*) Parse the italicized words in the following sentence: "*To tell* the truth, our manners are *mostly* so bad that we look upon any *manners at all* as grotesque."

5. Write a theme of about one page (not more than 300 words) on one of the following subjects:

My summer vacation.

My favorite game.

Sketch of a naval hero.

GEOGRAPHY.

[2 hours allowed for this subject.]

1. (*a*) Fix the position of the following: (1) Saghalien; (2) Aberdeen; (3) Palermo; (4) Barcelona; (5) Balearic Islands; (6) Borneo; (7) Falkland Islands; (8) Halifax; (9) Winnipeg; (10) Magdalena Bay.

(*b*) To what nation or nations does each of the above belong?

2. (*a*) Bound Illinois and Wyoming; give their population and capitals.

(*b*) Name in order the States of the United States that border the sea.

3. (*a*) Describe the course (1) of the Colorado River, naming in order the States through which or between which it passes; (2) of the Tennessee River.

(*b*) Through what bodies of water would a vessel pass in making a voyage from Gibralter to Vladivostok?

4. (*a*) Write a theme of at least one page on the State in which you live, and on one other of the United States, giving climate, population, principal products, capital, and chief towns.

UNITED STATES HISTORY.

[2 hours allowed for this subject.]

1. (*a*) Name two French and two Spanish explorers who influenced the history of America by claims or settlement. State definitely what each accomplished, and when.

(*b*) Arrange the following battles in chronological order, and explain the effect each had on the result of the Revolutionary War: Cowpens; Yorktown; Saratoga; Long Island.

(*a*) Summarize the events of two of the following administrations: Madison's; Jackson's; Cleveland's; Roosevelt's.

(*b*) Summarize the characteristic differences between the colony of Massachusetts and the colony of Virginia, in government, settlement, resources, occupations and life of the inhabitants, and religion. Treat these considerations in what you consider the proper order.

3. (*a*) In what ways did the original thirteen colonies expand until they settled or extended the territory of the United States, to the year 1898? Sketch the broad outlines of this development briefly, by wars, purchases, and treaties.

(*b*) Name the dependencies or outlying possessions of the United States, and explain briefly how each was acquired.

4. (*a*) Account briefly for the following men: (1) Aaron Burr; (2) Pulaski; (3) John Paul Jones; (4) Emerson: (5) Sheridan; (6) George Rogers Clark; (7) De Witt Clinton; (8) Cornwallis.

(*b*) Mention, with the years in which they occurred, four naval victories which we won prior to 1898.

ARITHMETIC.

[3 hours allowed for this subject.]

1. (*a*) (1.) Divide 92,380,000 successively by 2, 3, 4, 5, and 6, and add the quotients; from the sum subtract 41,571,000. The remainder is the mean distance from the earth to the sun, in miles.

(2) Multiply 3,962.82 by 60.267. The product is the distance from the earth to the moon, in miles.

(*b*) Find the value of $\frac{1}{5}+\frac{1}{3}(\frac{1}{5})^3+\frac{1}{5}(\frac{1}{5})^5+\frac{1}{7}(\frac{1}{5})^7$ correct to seven decimals.

2. (*a*) Reduce to decimal fractions $\frac{3}{320}$, $\frac{7}{80}$, and $\frac{5}{64}$. Add the decimals, and check the sum by adding the given vulgar fractions.

(*b*) Simplify $\dfrac{8\frac{7}{8}-7\frac{6}{7}+5\frac{5}{6}-4\frac{4}{5}}{9\frac{9}{10}-8\frac{13}{15}+7\frac{7}{8}-6\frac{6}{7}}$.

3. (*a*) Find, to six decimals, the value of $\dfrac{\sqrt{3}-1}{\sqrt{3}+1}$.

(*b*) The diameter of a solid steel sphere weighing 240 pounds is 12 inches. Find, to the nearest hundredth of an inch, the diameter of a solid steel sphere weighing 100 pounds.

4. (*a*) A can do as much work in 3 hours as B can do in 8 hours, and B can do as much in 5 hours as C can do in 6 hours. How long will it take C to complete a job $\frac{3}{4}$ of which has been done by A working 5 hours and B working 3 hours?

(*b*) If money is worth 7 per cent per annum, what is the present cash value of a note dated 3 months ago and due 3 months hence and bearing interest at 6 per cent per annum, if the face of the note is $1,000?

5. (*a*) Find, to the nearest thousandth of a pound, the weight of 1,000 feet of steel wire 0.02 inch in diameter, if steel weighs 480 pounds a cubic foot.

(π=3.1416.)

(*b*) The edge of a cubical box is 16 inches. It is made of steel plate, and steel weighs 480 pounds a cubic foot. If the box weighs 6 pounds, find, to the nearest hundredth of an inch, the thickness of the plate from which it is made.

ALGEBRA.

[3 hours allowed for this subject.]

1. (*a*) Factor a^3+b^3, $x^4+y^4-7x^2y^2$, $51x^2-25x-6$, $x^3-(a+b+c)x^2+(ab+ac+bc)x-abc$ and $3x^2-4ax-2bx+a^2+2ab$.

(*b*) Multiply $2a-a^{\frac{1}{3}}+3a^{-\frac{1}{3}}$ by $3a-2a^{\frac{1}{3}}-2a^{-\frac{1}{3}}$. Check the product by dividing it by $2a-a^{\frac{1}{3}}+3a^{-\frac{1}{3}}$.

2. (*a*) If flour costs b cents a pound and sugar c cents a pound, and if a man buys twice as many pounds of flour as of sugar, how many pounds of each can he buy with m dollars?

(*b*) Solve the simultaneous equations $ax+by=c$ and $dx+ey=f$.

(*c*) Rationalize the denominators and simplify $\dfrac{25\sqrt{3}-4\sqrt{2}}{7\sqrt{3}-5\sqrt{2}}$ and $\dfrac{2\sqrt{a+b}+3\sqrt{a-b}}{2\sqrt{a+b}-\sqrt{a-b}}$

3. (*a*) A field containing 1 acre is in the form of a rectangle $\frac{2}{5}$ as wide as it is long. The field is enlarged by adding 39,664 square feet in such a way as to increase length and width of the rectangle an equal amount. Find the dimensions of the enlarged field.

(*b*) Given $9x^2+2xy+y^2-92x-20y+244=0$, solve for x in terms of y. Between what limiting values of y is x real?

4. (*a*) Solve the simultaneous equations $y^2-x^2=16$ and $2y^2-4xy+3x^2=17$, grouping the corresponding values of x and y.

(*b*) The diagonal of a rectangle is 25 inches. If the rectangle were 4 inches shorter and 8 inches wider, the diagonal would still be 25 inches. Find the area of the rectangle.

5. (*a*) In a hurdle race of 560 feet, A beats B by 70 feet. He then gives B a start of 40 feet and beats him by 2 seconds. Find the speed of each in feet per second.

(*b*) Solve the equations $3x^2-4x+\sqrt{3x^2-4x-6}=18$ and $3^{2x}+9=10\ (3^x)$.

GEOMETRY.

[3 hours allowed for this subject.]

1. (*a*) Define (1) rhomboid, (2) arc, (3) sector, (4) apothem, (5) perimeter.

(*b*) The middle points of the sides of a quadrilateral are taken as the vertices of an inscribed quadrilateral. Prove that the inscribed quadrilateral is a parallelogram.

(*c*) If, when the middle point of one of the equal sides of a given isosceles triangle is joined to the opposite vertex, the figure is divided into two other isosceles triangles, find the number of degrees in each angle of the given triangle; and also show that if one of its equal sides is divided in extreme and mean ratio the longer segment will equal the base.

2. (*a*) The parallel sides of a trapezoid are 6 feet and 8 feet, and the altitude is 3 feet. What is its area? If the other two sides are produced until they meet, what is the area of the larger triangle thus formed?

(*b*) The sides of a triangle are 51 rods, 52 rods, and 53 rods. How many acres are there in the triangle?

3. (*a*) The legs of a right triangle are 7 inches and 24 inches. Find the length of the perpendicular drawn from the vertex of the right angle to the hypotenuse, and the segments into which it divides the hypotenuse. Also, find the distance between the points where this perpendicular and the bisector of the right angle intersect the hypotenuse.

(*b*) From a point P on the diameter of a circle perpendiculars are let fall upon chords drawn through either extremity of the diameter. What is the complete locus of the intersections of chords and perpendiculars to them?

4. (*a*) A point P divides a chord of a given circle into segments of 4 inches and 16 inches. One segment of the diameter through P is 2 inches. Find the length of the diameter and the distance of the given chord from the center of the circle.

(*b*) The area of a circle is 28.2744 square feet. Find the radius. ($\pi=3.1416$.) Find in square feet, to four decimals, the area of the smaller segment of this circle subtended by a chord 3 feet in length; and also find the radii of the two concentric circles which trisect the area.

5. (*a*) Find the side of the regular pentagon inscribed in a circle of radius a.

(*b*) Prove that of all triangles having the same base and equal areas, that which is isosceles has the minimum perimeter.

ADMISSION.

43. Candidates who pass the required examinations will receive appointments as midshipmen and be admitted as such to the Naval Academy. Each midshipman on admission will be required to sign articles by which he binds himself to serve in the United States Navy eight years (including his time of probation at the Naval Academy), unless sooner discharged. He will be required to certify on honor his exact age.

44. The pay of a midshipman is $600 a year, commencing at the date of his admission.

45. Midshipmen will supply themselves, immediately upon their admission, with the following articles, viz:

One white cap and anchor	$2.35	One pair service trousers	$6.68
One dress jacket	20.78	One overcoat	26.98
One blouse	15.22	One reefer	12.18
One pair dress trousers	11.83	One mackintosh	10.00

One cap cover	$0.30
Eight work suits	8.00
Two pairs regulation leggings	1.50
One parade cap	3.05
One knit cap	.60
One mug	.08
One soap box	.18
One laundry book	.20
One pair blankets	4.20
One pair overshoes	.75
Two pairs high shoes	8.52
Eight white shirts	4.00
Twelve collars	1.10
Four white blouses	16.00
Four pairs white trousers	8.00
Twelve pairs cuffs	2.00
Twelve pairs socks	2.25
*Eight towels	1.60
*Shaving outfit	2.50
Six pairs drawers (summer)	2.10
Six undershirts (summer)	2.10
One hand glass	1.10
One blue jersey	2.55
Two blue jerseys	3.24
One pair white shoes	1.95
Three white hats	1.35
One jackknife	.40
Two lanyards	.22
Six sheets	4.20
Hammock clews	.45
One pair bathing trunks	.15
Three pairs white gloves	1.20
Two clothes bags	$0.50
One hammock mattress	3.00
One requisition book	.30
One pass book	.30
Two stencils, ink, and brush	.60
Wash basin and pitcher	.95
One pair gymnasium slippers	.85
*One whisk	.19
*One coarse comb	.11
*One cake coap	.25
*One hairbrush	.61
*Stationery	1.75
*Twelve white handkerchiefs	2.25
*One pair suspenders	.40
Four suits pajamas	3.40
*One toothbrush	.20
*Thread and needles	.75
*Blacking brush and blacking	.55
*Nailbrush	.20
Six pillowcases	.72
One black silk neckerchief	.40
Name plate	.11
Two bedspreads	2.64
Two pairs drill gloves	1.00
One slop jar	.95
Two spatter cloths	1.00
One hair pillow	.75
One rug	.70
One hair mattress	5.10
One broom	.35
	220.64

The articles marked *, not being required to conform to a standard pattern, may be brought by the midshipman from home, but all other articles must conform to the regulations, and must therefore be supplied by the storekeeper.

46. Each midshipman must, on admission, deposit with the pay officer the sum of $60, for which he will be credited on the books of that officer, to be expended by direction of the superintendent in the purchase of textbooks and other authorized articles besides those enumerated in the preceding article.

47. All deposits for clothing and the entrance deposit of $60 must be made before a candidate can be received into the Academy.

48. Checks for these deposits *must not be made payable to the order of the superintendent.* They should be made payable to the candidate's own order and be presented to the pay officer of the Naval Academy at the time of deposit.

SUMMARY OF EXPENSES.

Deposit for clothing, etc	$220.64
Deposit for books, etc	60.00
	280.64

The value of clothing brought from home is to be deducted from this amount.

49. Each midshipman will be paid, as soon as adjusted by the Treasury Department, the amount of his actual expenses in traveling from his home to the academy.

COURSE OF INSTRUCTION, 1913–14.

[Reference books are marked*.]

FIRST YEAR—FOURTH CLASS.

FIRST TERM.

Departments.	Periods each week.	Subjects.	Textbooks.
MARINE ENGINEERING AND NAVAL CONSTRUCTION.	3	Mechanical drawing	Bartlett's Mechanical Drawing.* Bartlett & Johnson's Engineering Descriptive Geometry.
MATHEMATICS AND MECHANICS	6	Algebra and logarithms	Brown & Capron's Practical Algebra. Robbins' Plane Geometry.
		Geometry	Baker's Elements of Solid Geometry.
ENGLISH	4	English	Kittredge & Farley's Advanced English Grammar. Sandwick's High School Word Book. Hill's Beginnings of Rhetoric and Composition. Colby's Outlines of General History. Webster's Dictionary. Themes.
MODERN LANGUAGES		Spanish	Elementary Course in Spanish Pronunciation, U. S. School of Languages. Marion & des Garennes' Introducción a La Lengua Castellana. Ramsey's Spanish Grammar. Appleton's New Spanish Dictionary.
		French	Elementary Course in French Pronunciation, U. S. School of Languages. Bercy's Le Français Pratique. Marion's Le Verbe.
	5		Heath's French and English Dictionary. Simple Grammaire Française.

SECOND TERM.

MARINE ENGINEERING AND NAVAL CONSTRUCTION.	3	Mechanical drawing	Bartlett's Mechanical Drawing.* Bartlett & Johnson's Engineering Descriptive Geometry.
MATHEMATICS AND MECHANICS	6	Trigonometry	Brown's Trigonometry and Stereographic Projections. Bowditch's Useful Tables.*
ENGLISH	4	English	Continuation of first term books. Baldwin's Composition, Oral and Written.
MODERN LANGUAGES	3	Spanish	Continuation of first term's work. Crawford's Spanish Composition.
	3	French	Continuation of first term's work. Bercy's La Langue Française.

SECOND YEAR—THIRD CLASS.

FIRST TERM.

Departments.	Periods each week.	Subjects.	Textbooks.
MARINE ENGINEERING AND NAVAL CONSTRUCTION.	3	Mechanical processes and drawings.	Danforth's Mechanical Processes. Bureau Steam Engineering, Tables of Standards. Department Marine Engineering Notes.* Bartlett's Mechanical Drawing.*
MATHEMATICS AND MECHANICS..	5	Spherical Trigonometry. Stereographic Projections. Calculus and analytic geometry.	Brown's Trigonometry and Stereographic Projections. Brown and Capron's Calculus (Revised). Bowditch's Useful Tables.*
ELECTRICAL ENGINEERING AND PHYSICS.	3	Elementary physics..... Chemistry..... (1) Elementary electricity and magnetism.	Daniell's Principles of Physics. Stewart and Gee's Practical Physics. Remsen's Introduction to the Study of Chemistry. Lecture Notes.
ENGLISH.....	2	Naval history and U. S. naval history. English.....	Hart's Essentials in American History. A Short History of the U. S. Navy. Themes.
MODERN LANGUAGES.....	3 3	French..... Spanish.....	Same as fourth class. Do.

SECOND TERM.

Departments.	Periods each week.	Subjects.	Textbooks.
MARINE ENGINEERING AND NAVAL CONSTRUCTION.	3	Elementary engineering.	Naval Reciprocating Engines and Auxiliary Machinery. Lyon & Hinds' Marine and Naval Boilers. Danforth's Mechanical Processes.
MATHEMATICS AND MECHANICS..	5	Calculus.....	Brown and Capron's Calculus (Revised). Bowditch's Useful Tables.*
ELECTRICAL ENGINEERING AND PHYSICS.	4	Physics..... Chemistry.....	Daniell's Principles of Physics. Stewart and Gee's Practical Physics. Watson's Physics. Remsen's Introduction to the Study of Chemistry. Lecture Notes.
ENGLISH.....	2	Naval history, and U. S. naval history.	Continuation of first term books. Constitution of the United States.
MODERN LANGUAGES.....	3 3	French..... Spanish.....	Same as fourth class.

[1] Sixteen Friday evenings.

THIRD YEAR—SECOND CLASS.

FIRST TERM.

Departments.	Periods each week.	Subjects.	Textbooks.
MARINE ENGINEERING AND NAVAL CONSTRUCTION.	4	Boilers and mechanism..	Lyon & Hinds' Marine and Naval Boilers. Schwamb & Merrill's Elements of Mechanism. Gow's Notes and Problems.
MATHEMATICS AND MECHANICS..	6	Theoretical mechanics... Applied Mechanics.....	Smith's Mechanics. Alger's Hydromechanics. Smith's Strength of Materials.
ELECTRICAL ENGINEERING AND PHYSICS.	3	Frictional electricity.... Electrostatics..... Magnetism..... Electro-magnetism..... Electro chemistry..... Direct currents.....	Thompson's Electricity and Magnetism.
ENGLISH.....	2	Naval history..... English.....	Classics. Themes.
MODERN LANGUAGES.....	2	French..... Spanish.....	Continue course of second year. Nautical Phraseology.

SECOND TERM.

ORDNANCE AND GUNNERY.....	2	Ordnance and gunnery..	Textbook of Ordnance and Gunnery.
NAVIGATION.....	4	Astronomy..... Navigation.....	White's Astronomy. Muir's Navigation and Compass Deviations. American Practical Navigator, Bowditch. Nautical Almanac.*
MARINE ENGINEERING AND NAVAL CONSTRUCTION.	5	Engines.....	Sterling's Internal Combustion Engine Manual. Naval Reciprocating Engines and Auxiliary Machinery.
ELECTRICAL ENGINEERING AND PHYSICS.	3	Direct currents..... Principles of dynamo-electric machines. Principles of alternating currents. Radio telegraphy.....	Thompson's Electricity and Magnetism. Bullard's Naval Electricians' Textbook.
MODERN LANGUAGES.....	1	French..... Spanish.....	La Bataille de Tsoushina (Togo). Contes et Nouvelles (Lozare). French Daily Life (Newson & Co.). Nautical Phraseology. Eco de Madrid (Altamira). El Mundo Gráfico (Weekly Paper). Nautical Phraseology.

FOURTH YEAR—FIRST CLASS.

FIRST TERM.

Departments.	Periods each week.	Subjects.	Textbooks.
SEAMANSHIP	3	International law	Stockton's Manual of International Law.
		Seamanship	Knight's Seamanship.
ORDNANCE AND GUNNERY	4	Torpedoes and mines	Bureau of Ordnance Pamphlets.
		Elastic strength of guns.	Alger's Elastic Strength of Guns. Graphic Pamphlet, Nulton.
		Exterior ballistics	Alger's Exterior Ballistics.
		Range tables	Bureau of Ordnance Pamphlets.
		Interior ballistics	Do.
NAVIGATION	3	Theory and practice of navigation.	Muir's Navigation and Compass Deviations. Bowditch's American Practical Navigator. Nautical Almanac.* Azimuth Tables.*
MARINE ENGINEERING AND NAVAL CONSTRUCTION.	2	Naval construction	Robinson's Naval Construction.
ELECTRICAL ENGINEERING AND PHYSICS.	3	Dynamo electric machines.	
		Heat, power, and light from electric currents.	Bullard's Naval Electricians' Textbook.
		Wiring	Lecture Notes.
MODERN LANGUAGES	1	Spanish	Nautical Phrascology.
NAVAL HYGIENE	.....	Effects of alcohol and narcotics. First aid to the injured. (14 Friday evening periods.)	Anatomy, Physiology, and Hygiene, Dr. L. H. Hewes.

SECOND TERM.

SEAMANSHIP	4	Seamanship.	Knight's Seamanship. Signal Book, U. S. Navy.
		Military law	Forms Procedure, U. S. Navy.
		Naval tactics	U. S. Navy Regulations.
		Regulations.	Fleet Regulations.
ORDNANCE AND GUNNERY	3	Exterior ballistics	Alger's Exterior Ballistics.
		Fire control	Department's Notes.
		Ordnance and gunnery	Textbook of Ordnance and Gunnery.
		Range tables	Bureau of Ordnance Pamphlet.
NAVIGATION	3	Theory of compass deviations.	Muir's Navigation and Compass Deviations.
		Surveying	Logan's Marine Surveying.
		Practical navigation	Laning's a Practical Manual of the Compass. Bowditch's American Practical Navigator. Nautical Almanac.* Azimuth Tables.*
MARINE ENGINEERING AND NAVAL CONSTRUCTION.	3	.....	Holmes's Experimental Engineering.
		Turbines	Sothern's Marine Steam Turbine.
ELECTRICAL ENGINEERING AND PHYSICS.	3	Faults of dynamos and motors.	Same as first term, and Department's Manual of Wireless Telegraphy.
		Elementary study of alternating currents.	Elements of Electrical Engineering, Alternating Currents, Franklin & Esty.
		A. C. machines and instruments.	
		Electrical devices and instruments.	
		Radio telegraphy.	
MODERN LANGUAGES	.....	Spanish (Friday evening).	Nautical Phraseology.

Table of coefficients, 1913–14.

Departments.	Fourth class.		Third class.		Second class.		First class.		Sum.	Total
	First term.	Second term.	First term.	Second term.	First term.	Second term.	First term.	Second term.		
EFFICIENCY	0		1		5		8		14	80
PRACTICE CRUISE	0		1		2		3		6	
SEAMANSHIP	....	....	....	....	....	....	6	9	15	60
ORDNANCE	....	....	....	....	....	3	8	7	18	72
NAVIGATION	....	....	....	....	....	9	6	7	22	88
MARINE ENGINEERING AND NAVAL CONSTRUCTION	2	2	3	4	6	8	4	6	35	140
MATHEMATICS AND MECHANICS	3	4	5	6	8	....	....	....	26	104
ELECTRICAL ENGINEERING AND PHYSICS	....	....	4	5	5	6	6	6	32	128
ENGLISH	2	3	2	3	3	....	....	....	13	52
LANGUAGES	2	2	3	3	3	2	2	1	18	72
HYGIENE	....	....	....	....	....	....	1	....	1	4
	20		40		60		80		200	800

NOTE.—Deductions from multiple for demerits shall be as given in article 178 (amended) Naval Academy Regulations, 1911.

Assignment of time.

Departments.	Fourth class.		Third class.		Second class.		First class.		No. of periods.
	First term.	Second term.	First term.	Second term.	First term.	Second term.	First term.	Second term.	
Seamanship	3	4	....	....	....	....	....	....	7
Ordnance and gunnery	4	3	....	2	....	....	....	....	9
Navigation	3	3	....	5	....	....	....	....	11
Marine engineering and naval construction	2	3	4	5	3	3	3	3	26
Mathematics and mechanics	....	....	5	....	5	5	6	6	27
Electrical engineering and physics	3	3	3	3	3x	4	....	....	19+x
English	....	....	2	....	2	2	4	4	14
Modern languages	1	x	2	1	3	2	3	3	15+x
Hygiene	x	....	....	....	....	....	....	....	x

x Friday evenings.

Program of recitation, 1913–14.

FIRST TERM.

Departments.	First class.						Second class.						Third class.						Fourth class.						Periods.
	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.	Monday.	Tuesday.	Wednesday.	Thursday.	Friday.	Saturday.	
Seamanship	3	2	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3
Ordnance	....	3	3	3	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4
Navigation	2	....	....	....	3	1	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	3
Marine engineering and naval construction	1	1	....	....	....	....	....	2	2	2	2	....	3	3	....	....	....	1	....	....	3	3	3	....	12
Mathematics and mechanics	....	....	....	....	....	....	1	1	1	1	1	....	2	2	2	2	2	....	1	1	1	1	1	1	16
Electrical engineering and physics	....	....	2	2	2	....	2	3	3	....	....	....	....	....	1	1	1x	....	....	....	....	....	....	....	9+x
English	....	....	....	....	....	....	....	....	....	3	3	....	1	1	....	....	....	....	3	3	2	2	....	....	8
Languages	....	....	....	1	....	....	3	....	....	....	....	1	....	....	3	3	3	....	2	2	....	....	2	....	9
Hygiene	....	....	....	....	x	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	x

SECOND TERM.

Seamanship	3	3	3	3	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	....	4
Ordnance	....	....	2	2	3	....	....	....	....	....	1	1	....	....	....	....	....	....	....	....	....	....	....	....	5
Navigation	....	....	....	1	1	1	1	1	1	2	2	....	....	....	....	....	....	....	....	....	....	....	....	....	8
Marine engineering and naval construction	2	2	....	....	2	....	3	3	3	3	3	....	....	....	2	2	....	1	....	....	1	1	1	....	14
Mathematics and mechanics	....	....	....	....	....	....	....	....	....	....	....	....	1	1	1	1	1	....	2	2	2	2	2	1	11
Electrical engineering and physics	1	1	1	....	....	....	2	2	2	....	....	....	3	3	....	3	3	....	....	....	....	....	....	....	10
English	....	....	....	....	....	....	....	....	....	....	....	....	2	....	....	....	2	....	1	1	3	3	....	....	6
Languages	....	....	....	....	x	....	....	....	....	1	....	....	....	2	3	....	....	....	3	3	....	....	3	....	6+x

x Friday evenings.

PRACTICAL INSTRUCTION OF MIDSHIPMEN.

DISCIPLINE.

Infantry, schools of the squad, company, battalion, and brigade in close and extended orders; setting-up and bayonet exercises.

SEAMANSHIP.

Knotting and splicing; compass and lead line; ship nomenclature; cutting and fitting hemp rigging; cutting and fitting wire rigging; rowing, and the management of boats under oars and under sail; sailmaking; making up, bending, unbending, and handling sails; getting under way and anchoring; signaling—wigwag, semaphore, night, general, telegraphic, boat, and international; mangagement of steam launches, steam fleet tactics with steam launches, and the practical handling of tugboats; use of sounding machine; securing boats for sea; mooring and clearing hawse; sail drill; handling heavy weights; steering a ship under way; war-game board.

ORDNANCE.

Target practice with small arms; handling and firing torpedoes; the preparation, inspection, care, and preservation of ordnance material; gun drill, loading drill, mines; spotting, fire control, and fire-control instruments.

NAVIGATION.

The practical work in this department continues throughout the academic year, certain midshipmen from each section being employed during each period assigned to this department at work in the section room, at compass work in the model room, by divisions or in field work with the various navigational and surveying instruments. The character of the work may be outlined under the following heads:

Navigation.—Practical work with charts, including a study of the information and tidal data given on them; laying off courses and measuring distances on different projections; transferring great circle routes from great circle charts to mercator charts; different methods of plotting positions and laying down "Sumner lines," and the general uses of "Sumner lines"; pilotage and chart work into and out of the principal harbors on the coasts of the United States and when coasting; use of soundings and contour lines, especially in a fog; correction of charts and publications from information furnished by "Notices to Mariners." Adjusting a sextant and a stadimeter; observations with sextant and artificial horizon for time, longitude, chronometer error, latitude, and azimuth. Winding and comparing chronometers and methods of keeping records of same on board ship. Rating chronometers by noontime signal.

Compass deviations.—Swinging a model ship and obtaining deviations of the compass, compensation of the compass, using a navy binnacle, Type VI. The same compass work is done later in the course on board a modern vessel in Chesapeake Bay.

Surveying.—Adjustment of and field work with theodolite and plane table. Surveying and constructing a chart of a portion of the Severn River.

Work afloat.—Throughout the summer practice cruises, the midshipmen are required, under the supervision of an officer from the Naval Academy, to perform all the general duties of a navigator, with particular reference to the adjustment and use of the navigational instruments on board, to practical pilotage, and at sea, to the determination of the ship's position by observation.

MARINE ENGINEERING AND NAVAL CONSTRUCTION.

Shopwork.—The pattern shop: Selection and treatment of different woods for different purposes; elementary work of the carpenter shop, through mortising, joining, etc., to finish pattern work.

The foundry: Iron and brass casting; the making of bronzes, alloys, etc.

The blacksmith shop: Forging, welding, etc.; tempering, casehardening, etc.; bending and quenching tests of metals, etc.

The boiler shop: Riveting, soft and hard patching, calking, annealing, tube expanding; testing, etc.

The coppersmith shop: Soldering, hard and soft; sweating patch on a copper pipe; making copper pipe; putting flanges on a pipe; use of oil furnace and oil heater.

The machine shop: Vise bench work; machine tool work, including the setting of work; turning; planing; boring; slotting; pipe fitting; use of working drawings.

Ship work.—Management of main and auxiliary engines; fireroom and engine-room routine, firing, water tending, and oiling; management of engines while maneuvering at sea; determining the condition and locating defects in machinery while in motion; lying under banked fires; coming to anchor; overhauling machinery; cleaning boilers and condensers, etc.

Miscellaneous.—Use of slide rule, averaging machine, apparatus for testing oils and smoke gases; standardizing steam gauges and indicators; boiler test; use of pyrometers; running of explosive engines; torsion meter; steam turbines; pneumatic and hydraulic machinery; water meters; wier; traps; ice machines, air and carbonic anhydride; power measuring, by indicator and dynamometer; metal and cement testing; fuel and steam calorimeter tests; fireroom timing device; distilling plant; pulsometer; hydraulic pumps and rams; air compressors, Rand and Westinghouse; engine governors; long-arm doors; steering and anchor engines; docking ships, graving and floating docks.

ELECTRICAL ENGINEERING AND PHYSICS.

Dip circle, magnetic fields; induced currents; measuring resistance by different methods; divided circuits, fall of potential; use and calibration of different measuring instruments supplied to ships; setting up and operating of primary and secondary batteries; operation of searchlights and control mechanism, arc and mercury vapor lamps; telephones and all other electrical interior communication apparatus supplied to naval vessels; operation and measuring efficiencies of dynamos and motors, devices for motor control, manipulation of switchboard; operation of electrical machinery supplied to naval vessels, including all turret-turning systems, gun elevating, ammunition hoist, and rammer equipment, forced draft blower, etc.; testing for and locating faults and grounds; measuring insulation resistance of electric plant; elementary study of inductance and capacity in alternating current circuit; alternating current dynamos, motors, and transformers; radiotelegraphy apparatus and practice in use of the code.

Experimental work in the chemical and physical laboratories, illustrating and supplementing the classroom instruction.

PHYSICAL TRAINING.

Class drills in calisthenics, free movements and with apparatus.

Special exercises to promote symmetrical development when necessary. Athletic exercises, including boxing and swimming. Dancing.

Assignment of drill periods during October, November, April, and May.

Department.	First division.				Second division.				Third division.				Fourth division.			
	First class.	Second class.	Third class.	Fourth class.	First class.	Second class.	Third class.	Fourth class.	First class.	Second class.	Third class.	Fourth class.	First class.	Second class.	Third class.	Fourth class.
Discipline	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28	28
Seamanship	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Ordnance	12	16	12	4	12	16	12	4	12	16	12	4	12	16	12	4
Navigation	4	.....	.....	.....	4	.....	.....	.....	4	.....	.....	.....	4	.....	.....	.....
Gymnasium	.....	.....	4	12	.....	.....	4	12	.....	.....	4	12	.....	.....	4	12

Assignment of drill periods during December, January, February, and March.

Department.	First division.				Second division.				Third division.				Fourth division.			
	First class.	Second class.	Third class.	Fourth class.	First class.	Second class.	Third class.	Fourth class.	First class.	Second class.	Third class.	Fourth class.	First class.	Second class.	Third class.	Fourth class.
Discipline	3	9	12	16	3	9	12	16	3	9	12	16	3	9	12	16
Seamanship	0	6	9	16	0	6	9	16	0	6	9	16	0	6	9	16
Ordnance	12	6	3	.....	12	6	3	.....	12	6	3	.....	12	6	3	.....
Marine engineering	24	24	24	.....	24	24	24	.....	24	24	24	.....	24	24	24	.....
Electrical engineering	9	3	.....	.....	9	3	.....	.....	9	3	.....	.....	9	3	.....	.....
Gymnasium	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
Dancing	.....	.....	.....	16	.....	.....	.....	16	.....	.....	.....	16	.....	.....	.....	16

There will be a general exercise at "fire quarters" once in each month.

The drill on Thursday during the entire year will be athletics.

During the weeks of practical instruction commencing Nov. 28, 1913, and ending March 31, 1914, on Mondays of each week the first class will have gymnasium work, on Tuesdays the second class, and on Fridays the third class.

The drills to be held after completion of the annual examinations will be specially prescribed.

Routine of exercises for the fourth class commencing June 10, 1913.

Day.	Co.	First period, 8 to 9.30.	Second period, 10 to 11.30.	Third period, 1.30 to 3.	Fourth period, 3.30 to 4.45.	Fifth period, 8 to 9.
Monday	1	Rifle range	Rifle range	Marine engineering	Gymnasium	Regulations, Recreation Hall.
	2	do	do	do		
	3	Infantry	Seamanship	Seamanship		
	4	do	Swimming	do		
Tuesday	1	Infantry	Seamanship	Marine engineering	Gymnasium	Tactics, Recreation Hall.
	2	do	Swimming	do		
	3	Rifle range	Rifle range	Seamanship		
	4	do	do	do		
Wednesday	1	Rifle range	Rifle range	Recreation and athletics		Entertainment.
	2	do	do			
	3	Infantry	Swimming			
	4	do	Seamanship			
Thursday	1	Infantry	Swimming	Seamanship	Gymnasium	Reading or lecture, Recreation Hall.
	2	do	Seamanship	do		
	3	Rifle range	Rifle range	Marine engineering		
	4	do	do	do		
Friday	1	Seamanship	Swimming	Reading in room or library.	Gymnasium	Lectures on first aid and physiology.
	1	do	do			
	3	Marine engineering	Seamanship			
	4	do	do			
Saturday	1	Infantry	Seamanship	Recreation and athletics		Musical concert.
	2	do	do			
	3	do	Swimming			
	4	do	do			

Third period seamanship, "Boats und[illegible]."

Routine of exercises for fourth class, commencing Sunday, Aug. 31, 1913.

Day.	Co.	First period, 8 to 9.30.	Second period, 10 to 12.	Third period, 1.30 to 3.15.	Fourth period, 3.40 to 5.	Fifth period, 8 to 9.30.
Monday	1, 2, 3, 4	Infantry	Modern languages	Practical work, mechanical engineering and naval construction.	Gymnasium	Study languages.
Tuesday	1, 2, 3, 4	Boats	Modern languages	Practical work, mechanical engineering and naval construction.	Gymnasium	Study languages.
Wednesday	1, 2, 3, 4	Infantry	Modern languages	Recreation and athletics, extra swimming for unqualified swimmers.		Study languages.
Thursday	1, 2, 3, 4	Boats	Modern languages	Practical work, mechanical engineering and naval construction.	Gymnasium	Study languages.
Friday	1, 2, 3, 4	Boats	Modern languages	Practical work, mechanical engineering and naval construction.	Gymnasium	Lecture.
Saturday	1, 2, 3, 4	Infantry	Boats	Recreation	Recreation	Music in auditorium.
Sunday	1, 2, 3, 4					Study languages.

Second period, modern languages, half of class recite first hour, 10 a. m. to 11 a. m., other half recite second hour, 11 a. m. to 12 m.

CLASS OF 1871 PRIZE.

The members of the class graduated from the United States Naval Academy in 1871, desiring in a permanent way to "Emphasize and record their loyalty to the Government, their affection for their alma mater, and their regard for the naval service," subscribed in 1904 a certain sum of money to be known as the "Class fund of 1871, United States Naval Academy," which fund was transferred by duly authorized and executed deed of gift to trustees. This deed of gift is recorded in the office of the recorder of deeds, District of Columbia, and copies of it are filed in the offices of the Secretary of the Navy and of the Superintendent of the Naval Academy.

By the terms of the deed of gift the income of this fund shall be employed for the purchase each year of a prize to be known as the "Class of 1871 prize," to consist of a suitable Navy dress sword and knot, to be presented to "that midshipman of each graduating class of the United States Naval Academy who has completed the prescribed course, and who shall be considered by the superintendent, the commandant of midshipmen, and the head of the department of ordnance and gunnery as the most proficient in practical and theoretical ordnance and gunnery."

"This prize is to be accompanied by an appropriately engraved letter containing the names of the donors and setting forth the purpose of the gift, and expressing the hope of the class of 1871 that the encouragement thus offered by old class members, both in and out of the service, to younger ones, will serve to increase the interest already existing among the midshipmen in an important professional science and art."

The "Class of 1871 prize" has been awarded as follows:

1905, to Midshipman Royal Eason Ingersoll.
1906, to Midshipman William Alexander Glassford, jr.
1907, to Midshipman Arthur William Frank.
1908, to Midshipman Eugene Edward Wilson.
1909, to Midshipman William Ward Smith.
1910, to Midshipman Follett Bradley, jr.
1911, to Midshipman Frederick Southard Hatch.
1912, to Midshipman Harold Eugene Saunders.
1913, to Midshipman William Henry Purnell Blandy.

PRIZES AWARDED DURING ACADEMIC YEAR 1912–13.

PRESENTED BY THE UNITED STATES NAVAL ACADEMY FOR GENERAL EXCELLENCE IN TARGET PRACTICE.

Gold medal, small arms, Midshipman T. D. Ruddock, class 1914; silver medal, small arms, Midshipman George Marvell, class 1914; bronze medal, small arms, Midshipman T. N. Vinson, class 1914.

The following fourth-class midshipmen qualified as sharpshooters at the fall practice and were recommended for sharpshooters' medal 1912:

Williams, J. E.	Root, A. B.	Woodward, D. C.
Saunders, W. H.	Pamperin, A. T.	Davidson, G. D.
Cauldwell, O. R.	Betts, J. E.	Sawyer, A. L.
Miles, A. C.	White, H. J.	

The names of the following midshipmen have been engraved on the cup presented by the General Society, Sons of the Revolution, April 19, 1905, to the brigade of midshipmen of the United States Naval Academy as a trophy on which to inscribe each year the name of the midshipman who shall be determined as the most proficient in great-gun target practice or practical ordnance and gunnery:

1905, Midshipman Halford Robert Greenlee, United States Navy.
1906, Midshipman Herbert Justice French, United States Navy.
1907, Midshipman Carl Townsend Osburn, United States Navy.
1908, Midshipman Willis Augustus Lee, jr., United States Navy.
1909, Midshipman Harold Travis Smith, United States Navy.
1910, Midshipman Herbert Otto Roesch, United States Navy.
1911, Midshipman Oscar Charles Badger, United States Navy.
1912, Midshipman Harold Eugene Saunders, United States Navy.
1913, Midshipman William Henry Purnell Blandy, United States Navy.

The Naval Academy rifle team did not participate in the national team match, held at Camp Perry, Ohio, August, 1913.

There was no race for the "Lysistrata challenge cup" in 1913.

The cup presented by the National Society, Daughters of the American Revolution, for excellence in seamanship and international law, was awarded to Midshipman George Angell Andrews, class of 1913.

The navigating sextant, presented by Col. Robert M. Thompson for excellence in practical and theoretical navigation, was awarded to Midshipman James Cary Jones, jr., class of 1913.

The medal presented by the Admiral Trenchard, Section No. 73 Navy League of the United States, for the best original essay on a topic, naval or patriotic in character, by any midshipman under instruction in English, was awarded to Midshipman Edward Ellsberg, class of 1914.

ATHLETICS.

NAVY ATHLETIC ASSOCIATION.

Executive Committee, 1913–14.

President, commandant of midshipmen, Captain G. W. Logan, United States Navy.

Officer in charge of buildings and grounds, Lieut. Commander R. L. Berry, United States Navy.

Medical officer in connection with physical training, P. A. Surg. R. W. McDowell, United States Navy.

Officer in charge of Midshipmen's Athletic Association, Lieut. A. P. Fairfield, United States Navy (also secretary-treasurer).

Representative for football, Lieut. Roger Williams, United States Navy.

Representative for baseball, Lieut. R. L. Walker, United States Navy.

Representative for boating, Lieut. W. A. Glassford, United States Navy.

Representative for track, Lieut. C. B. Mayo, United States Navy.

Representative for gymnasium athletics, Lieut. A. W. Fitch, United States Navy.

Representative for rifle team, Lieut. G. H. Bowdey, United States Navy.

Representative for fencing, Instructor F. W. Morrison, United States Naval Academy

Representative for basket ball, Lieut. J. T. G. Stapler, United States Navy.

Representative for other branches of athletics, Commander A. B. Hoff, United States Navy.

Representative for Navy Department, Rear Admiral T. B. Howard, United States Navy.

Representative for Navy Department, Commander M. E. Trench, United States Navy.

Representative for Navy Department, Naval Constructor E. S. Land, United States Navy.

MIDSHIPMEN'S ATHLETIC ASSOCIATION.

Executive Committee, 1913–14.

President, Midshipman R. O. Davis, class of 1914.

Captain of football team, Midshipman K. P. Gilchrist, class of 1914.

Manager of football team, Midshipman R. W. Hayler, class of 1914.

Captain of baseball team, Midshipman J. L. Vaiden, class of 1914.

Manager of baseball team, Midshipman S. Riche, class of 1914.

Captain of crew, Midshipman H. L. Ingram, class of 1914.

Manager of crew, Midshipman W. A. Corn, class of 1914.

Captain of track team, Midshipman E. C. Palmer, class of 1914.

Manager of gymnasium teams, Midshipman R. S. Wyman, class of 1914.

Captain of lacrosse team, Midshipman L. J. Wiltse, class of 1914.

Captain of fencing team, Midshipman R. F. Hans, class of 1914.

Captain of rifle team, Midshipman T. D. Ruddock, class of 1914.

Captain of basket-ball team, Midshipman C. J. McReavy, class of 1914.

Chairman of hop committee, Midshipman J. M. Creighton, class of 1914.

Secretary, Midshipman D. M. Collins, class of 1915.
Treasurer, Midshipman H. E. Overesch, class of 1915.
Representative for third class, Midshipman C. E. Evans, class of 1916.
Representative for fourth class, Midshipman D. S. Appleton, class of 1917.

MANAGERS AND CAPTAINS, NOT MEMBERS OF THE EXECUTIVE COMMITTEE, 1913–14.

Manager of track team, Midshipman R. W. Cary, class of 1914.
Manager of fencing team, Midshipman E. L. Cochrane, class of 1914.
Manager of basket-ball team, Midshipman L. J. Wiltse, class of 1914.
Manager of lacrosse team, Midshipman M. W. Callahan, class of 1914.
Captain of gymnasium team, Midshipman W. K. Harrill, class of 1914.
Captain of wrestling team, Midshipman L. J. Stecher, class of 1914.
Captain of swimming team, Midshipman K. R. Shears, class of 1914.
Manager of tennis team, Midshipman S. D. Truesdell, class of 1914.
Captain of tennis team, Midshipman W. S. Popham, class of 1914.
Manager of rifle team, Midshipman B. F. Clark.

PRIZES PRESENTED BY THE NAVY ATHLETIC ASSOCIATION.

The name of Norman Campbell Gillette, class of 1913, to be engraved on the Thompson trophy cup, being the name of the midshipman declared by the executive committee, Navy Athletic Association, to have done most for the promotion of athletics during the year.

A sword for general excellence in athletics to Midshipman John Leslie Hall, class of 1913.

The battalion flag was awarded to the seventh company, commanded by Midshipman F. G. Crisp, for having scored the greatest number of points in drills and athletics during the year. (Table of coefficients, p. 165; standing of companies on p. 164.)

FOOTBALL.

Captain of team, Midshipman K. P. Gilchrist, class of 1914. Manager, Midshipman R. W. Hayler, class of 1914. In charge, Lieut. Roger Williams, United States Navy. Head coach, Lieut. D. L. Howard, United States Navy.

The yellow "N" with star was awarded as follows:

J. L. Hall, 1913; P. P. Rodes, 1914; J. H. Brown, 1914; K. P. Gilchrist, 1914; G. T. Howe, 1914; H. R. Leonard, 1914; C. J. McReavy, 1914; B. B. Ralston, 1914; J. R. Redman, 1914; R. L. Vaughan, 1914; H. H. Harrison, 1915; H. E. Overesch, 1915; B. F. Perry, 1915.

Yellow class numerals were awarded as follows:

Class of 1913: L. R. Agrell, L. W. Clarke, H. S. Clarkson, R. Dudley, W. O. Henry, C. N. Ingraham, G. B. Junkin, D. R. Lee, W. Masek, E. J. O'Keefe, P. P. Powell, P. C. Ransom, H. A. Seiller, G. M. Tisdale, R. J. Valentine.

Class of 1914: W. Gearing, T. T. Bower, R. S. Wyman, T. N. Vinson, C. H. Mecum, L. H. McDonald, W. A. Heard, T. C. Slingluff, B. S. Killmaster. J. H. Doyle, jr., O. O. Kessing, F. P. Thomas, W. K. Beard, A. H. Rooks, J. C. Arnold, L. J. Stecher, M. W. Callahan, R. G. Pennoyer, J. B. W. Waller, C. B. C. Carey, R. A. Dyer, G. F. Neiley, R. L. Conolly, W. V. Fox, G. B. Wilson.

Class of 1915: W. H. Myers, F. P. Culbert, W. M. Snelling, R. R. Adams, H. E. Paddock, A. F. Howard, I. Schlossbach, D. C. Watson, H. C. Ramsey, H. V. Wiley, J. McC. Manly, F. A. McCaffrey, H. L. Vickery.

Class of 1916: C. Craig, J. L. Kenworthy, L. B. Ballou, F. D. Kirtland, H. B. Broadfoot, C. T. Durgin, W. F. Boyer, J. B. Ryan, H. S. Jones, L. R. Vail, W. M. Thompson, H. L. Grosskopf, H. M. Mullinix, F. O. Rogers, B. R. Holcombe, J. Wilkes, T. W. Harrison, W. L. Keady.

BASEBALL.

Captain of team, Midshipman J. L. Vaiden, class of 1914. Manager, Midshipman S. Riche, class of 1914. In charge, Lieut. R. L. Walker, United States Navy.

The yellow "N" was awarded as follows:

W. Seibert, 1913; J. L. Hall, 1913; J. L. Vaiden, 1914; T. N. Vinson, 1914; R. R. Adams, 1915; H. A. Fisher, 1915; R. O. Glover, 1915; W. A. Hicks, 1915; S. A. Hamilton, 1915; B. J. Rodgers, 1916.

Yellow class numerals were awarded as follows:

Class of 1913: W. Cochran, H. A. Seiller, W. Masek, K. R. R. Wallace, G. M. Tisdale, H. S. Clarkson, L. R. Agrell, R. H. Knight.

Class of 1914: M. L. Worrell, W. S. Popham, R. A. Deming, J. M. Moss, D. Royce, W. D. Bungert, A. R. Marron, W. Gearing, C. I. McClure, T. L. Nash, C. E. Rosendahl, J. L. McGuigan.

Class of 1915: N. Withers, E. S. McCoach, J. L. McCrea, W. J. Nunnally, T. E. Chandler, J. H. Chadwick, E. Breed, E. S. Dollarhide, G. B. Dobyns.

Class of 1916: E. C. Fuller, A. C. Miles, B. G. Furey, A. Durant, G. W. Sumners, F. C. Foley, C. Craig, L. R. Vail, R. V. A. Failing, W. F. Boyer, O. B. Hardison.

ROWING.

Captain of crews, H. L. Ingram, class of 1914. Manager, Midshipman W. A. Corn, class of 1914. In charge, Lieut. W. A. Glassford, United States Navy. Coach, Richard Glendon.

The yellow "N" with cross oar was awarded as follows:

B. G. Leighton, 1913; J. R. Palmer, 1913; L. D. Pickering, 1913; C. L. Foutz, 1913; J. H. Strong, 1913; V. Wood, 1913; J. H. Brown, jr., 1914; H. L. Ingram, 1914; Z.W. Wicks, 1914; W. A. Heard, 1914; A. F. Howard, 1915; H. E. Overesch, 1915; F. P. Culbert, 1915.

Class numerals were awarded as follows:

Class of 1916: N. P. Earle, H. S. Jones, R. K. Jones, A. T. Emerson, G. C. Klein, L. W. Bagby, H. B. Broadfoot, H. K. Lyle, N. T. Lawrence.

TRACK AND FIELD.

Captain of track team, Midshipman E. C. Palmer, class of 1914. Manager, Midshipman R. W. Cary, class of 1914. In charge, Lieut. C. B. Mayo, United States Navy.

Medals were awarded by the Navy Athletic Association for breaking or equaling records as follows:

Pole vault, D. W. Armstrong, 1915, 11 feet 7 inches.

100-yard dash, L. Wild, 1913, $9\frac{4}{5}$ seconds.

Discus throw, K. E. Hintze, 1913, 101 feet $1\frac{1}{2}$ inches.

Discus throw, B. F. Perry, 1915, 101 feet $4\frac{3}{4}$ inches.

One mile relay, H. W. Pillsbury, 1913, L. S. Lewis, 1915, E. C. Palmer, 1914, G. D. Hull, 1913; 3 minutes $30\frac{4}{5}$ seconds.

One mile relay, H. W. Pillsbury, 1913, N. H. Geisenhoff, 1913, E. C. Palmer, 1914, G. D. Hull, 1913; 3 minutes $29\frac{2}{5}$ seconds.

The medal for personal excellence on track was awarded to D. W. Armstrong, 1915.

The medal presented by the Navy Athletic Association to the midshipman of the fourth class who made the greatest number of points in the summer track meet of the fourth class was awarded to W. M. Thompson, 1916.

The yellow "N" was awarded as follows:

N. H. Geisenhoff, 1913; H. W. Pillsbury, 1913; G. D. Hull, 1913; K. E. Hintze, 1913; L. Wild, 1913; J. McC. Miller, 1913; E. C. Palmer, 1914; L. S. Lewis, 1915; B. F. Perry, 1915; D. W. Armstrong, 1915; W. M. Thompson, 1916.

Class numerals were awarded as follows:

Class of 1913: G. D. Hull, N. H. Geisenhoff, J. McC. Miller, K. E. Hintze, H. W. Pillsbury, H. B. Page.

Class of 1914: E. T. Short, E. C. Palmer.

Class of 1915: A. S. Wotherspoon, D. M. Collins, R. W. Clark, L. S. Lewis, C. C. Vickrey, W. Winslow, J. P. Brown, L. R. Moore, R. W. Bates, D. W. Armstrong.

Class of 1916: W. M. Thompson, L. V. Jefferis, A. W. Webb, E. L. Ericsson.

FENCING.

Captain of team, Midshipman R. F. Hans, class of 1914. Manager, Midshipman, E. L. Cochrane, class of 1914. In charge, Instructor F. W. Morrison, U. S. N. A.

The medals presented by Col. Robert M. Thompson, under the auspices of the Navy Athletic Association, were awarded as follows:

Foils, championship, gold medal, Midshipman R. F. Hans, 1914; second silver medal, P. T. Glennon, 1915; third, bronze medal, B. F. Lingo, 1913.

Broadswords, silver medal, Midshipman E. L. Cochrane, 1914.

Canes, silver medal, Midshipman T. Shelley, 1915.

A silver medal given by the Navy Athletic Association for the championship with duelling swords was won by Midshipman E. Ellsberg, 1914.

The yellow "N" was awarded as follows:

A. W. Dunn, 1913; R. F. Hans, 1914; P. T. Glennon, 1915.

RIFLE.

Captain of team, Midshipman T. D. Ruddock, class of 1914. Manager, Midshipman B. F. Clark. In charge, Lieut. G. H. Bowdey, United States Navy.

The yellow "rNt" was awarded as follows:

J. M. Kates, 1913; R. Dudley, 1913; J. B. Timberlake, 1913; C. G. Helmick, 1913. C. H. Want, 1913; W. J. Ruble, 1913; A. Marcus, 1913; B. F. Clark, 1914; T. D. Ruddock, 1914; F. E. Pelton, 1914; G. H. Easton, 1915; S. Umsted, 1915; J. E. Williams, 1916.

BASKETBALL.

Captain of team, Midshipman C. J. McReavy, class of 1914. Manager, Midshipman L. J. Wiltse, class of 1914. In charge, Lieut. J. T. G. Stapler, United States Navy.

The yellow "N" was awarded as follows:

J. L. Hall, 1913; L. Wild, 1913; F. W. McKee, 1913; A. E. Smith, 1915; C. J. McReavy, 1914; W. T. Cochran, 1913.

Class numerals were awarded as follows:

Class of 1913: H. A. Seiller, K. R. R. Wallace, T. W. McGuire, R. Dudley, H. K. Fenn, G. M. Tisdale.

Class of 1914: R. L. Conolly, N. Davis, F. M. Earle, T. J. Doyle, W. K. Harrill, T. L. Nash, W. S. Popham, jr.

Class of 1915: J. H. Chadwick, E. W. F. Childs, N. Withers, H. E. Overesch, S. P. Jenkins, E. S. McCoach.

Class of 1916: C. T. Gilliam, L. F. Brown, B. G. Furey, E. L. Ericsson, J. H. Carson, J. W. Gregory.

LACROSSE.

Captain of team, Midshipman L. J. Wiltse, class of 1914. In charge, Commander A. B. Hoff, United States Navy.

The yellow "1Nt" was awarded as follows:

T. T. Bower, 1914; M. Y. Cohen, 1914; J. M. Creighton, 1914; F. J. Cunneen, 1914; Noel Davis, 1914; K. P. Gilchrist, 1914; B. B. Ralston, 1914; H. A. Spanagel, 1914; R. C. Starkey, 1914; L. J. Wiltse, 1914; R. J. Mitchell, 1915; H. V. Wiley, 1915.

Class numerals were awarded as follows:

Class of 1913: C. L. Pearse, E. S. McCawley, C. N. Ingraham, H. G. Skinner, E. L. Woodside, T. A. M. Craven, R. S. H. Venable, W. W. Meek, H. L. Abbott, C. P. McFeaters, C. L. Austin, E. F. Enright, T. M. Searles.

Class of 1914: L. J. K. Blades, R. L. Conolly, O. O. Kessing, J. N. Laycock, F. L. Lowe, L. H. McDonald, B. H. Page, D. M. Steece, S. D. Truesdell, A. E. Wills, G. B. Wilson, P. R. Weaver, J. S. Winslow.

Class of 1915: J. McC. Manly, L. D. McCormick, L. B. Scott, I. M. Graham, G. C. Hill, R. T. Darrow, W. J. Lorenz, S. P. Jenkins, L. Kirby, jr., L. Wood.

Class of 1916: J. A. Sternberg, H. Schmidt, A. W. Jacobsen, W. L. Keady, F. W. Benson, W. H. Sitz, C. T. Durgin, G. F. Chapline, W. G. Hawthorne, F. W. Wead, L. K. Swenson, T. A. Solberg.

GYMNASIUM.

Captain of gymnasium team, Midshipman W. K. Harrill, class of 1914.

Captain of wrestling team, Midshipman L. J. Stecher, class of 1914.

Manager of gymnasium and wrestling teams, Midshipman R. S. Wyman, class of 1914. In charge, Lieut. A. W. Fitch, United States Navy.

Medals were awarded by the Navy Athletic Association as follows:

General excellence, gold medal, Midshipman N. C. Gillette, 1913. Wrestling, heavy weight champion, bronze medal, G. T. Howe, 1914; wrestling, light heavy weight champion, bronze medal, L. J. Stecher, 1914; wrestling, middle weight champion, bronze medal, C. T. S. Gladden, 1914; wrestling welter weight champion, bronze medal, L. L. Babbitt, 1913; wrestling, light weight champion, bronze medal, D. D. Dupre, 1915; wrestling, special weight champion, J. T. Davis, 1915; wrestling, bantam weight champion, E. B. Hough, 1915. Swimming champion, bronze medal, P. Marshall, 1915.

The yellow "gNt" was awarded as follows:

N. C. Gillette, 1913; E. H. Quinlan, 1913; H. G. Skinner, 1913; A. H. Addoms, 1914; W. G. B. Hatch, 1913; M. C. Cooper, 1915.

The yellow "wNt" was awarded as follows:

L. L. Babbitt, 1913; G. T. Howe, 1914; J. T. Davis, 1915; H. W. Graf, 1915.

TENNIS.

Captain of team, Midshipman W. S. Popham, class of 1914. Manager, Midshipman S. D. Truesdell, class of 1914. In charge, Commander A. B. Hoff, United States Navy.

Medals were awarded by the Navy Athletic Association as follows:

Singles, bronze medal, H. P. Parmelee, 1913; doubles, bronze medals, H. P. Parmelee, 1913, and V. H. Godfrey, 1915.

The yellow "tNt" was awarded as follows:

H. P. Parmelee, 1913; W. S. Popham, 1914; V. H. Godfrey, 1915; M. L. Sperry, 1915; J. S. Watters, 1916.

SOCCER.

In charge Commander A. B. Hoff, United States Navy.

Yellow class numerals for soccer were awarded as follows:

Class of 1913—A. Von S. Pickhardt, A. Marcus, J. B. Junkin, J. M. Kates, G. L. Pearse, R. H. Knight, R. J. Valentine, G. L. Austin, R. S. H. Venable, P. C. Ransom, J. McC. Miller, F. L. Johnston, R. D. Kirkpatrick.

Class of 1914—V. A. Clarke, F. J. Cunneen, E. D. Peck, W. D. Baker, T. D. Ruddock, C. L. McClure, E. W. Burrough, B. F. Clarke, S. D. Truesdell, W. B. Dortch, B. S. Killmaster, M. Y. Cohen, W. H. Porter, A. R. Early, W. C. Burgy.

Class of 1915—B. W. Chippendale, L. B. Scott, D. M. Dalton, W. J. Nunnally, V. H. Godfrey, J. McC. Manly, C. W. Flynn, C. F. Osborn, T. Shelley, E. E. Hazlett, I. M. Graham, H. D. Clarke, S. Umsted, A. C. Thomas, R. W. Bates, E. Breed, W. Winslow.

Class of 1916—L. F. Safford, H. V. Baugh, H. M. Mullinix, W. S. Carrington, W. M. Fechteler, F. W. Benson, W. R. Price, J. P. Compton, R. C. Merwin, R. C. Swink, H. W. Ziroli, W. E. Miller, A. B. Root, A. Durant, S. F. Kalk.

SAILING.

The inter-class prizes presented by Col. Robert M. Thompson, under the auspices of the Navy Athletic Association, were awarded as follows:

First prize, pair of binoculars, Midshipman A. von S. Pickhardt, 1913; second prize, a monocular, Midshipman F. G. Percival, 1914.

Inter-company competition for brigade flag.

Events.	Points per company.							
	1	2	3	4	5	6	7	8
Infantry drill				150	100		200	
Artillery drill		25		75	50			
Seamanship		50			100		150	
Target practice		150		100			50	
Sailing:								
Cutters				40	10	25		
Knockabouts			25			5		15
Catboats				17	10	3		
Rowing cutters				25	10		40	
Tennis:								
Singles—								
Academy champion							10	
Class champions						10	20	10
Doubles—								
Academy champions							20	
Gymnastics		20				20	10	
Hand ball:								
Singles—								
Academy champion	10							
Class champions	10	10	10				10	
Doubles—								
Academy champion				20				
Wrestling			10	20	10	30		
Swimming:								
Academy champion		10						
Class champions			10	10	10	10		
Fencing:								
Foils—								
Academy champion								10
Class champions		20			10			10
Duelling swords								10
Broadswords						10		
Canes			10					
Total	20	285	65	457	310	113	510	55
Order of merit	8	4	6	2	3	5	1	7

	Points.
1. Seventh company, commanded by Midshipman F. G. Crisp	510
2. Fourth company, commanded by Midshipman H. E. Keisker	457
3. Fifth company, commanded by Midshipman J. C. Jones	310
4. Second company, commanded by Midshipman G. B. Davis	285
5. Sixth company, commanded by Midshipman H. C. Van Valzah	113
6. Third company, commanded by Midshipman R. J. Wilson	65
7. Eighth company, commanded by Midshipman E. L. Woodside	55
8. First company, commanded by Midshipman C. P. McFeaters	20

TABLE OF WEIGHTS DETERMINING GENERAL EXCELLENCE IN COMPANY COMPETITION FOR BRIGADE FLAG.

The brigade flag is awarded to the company that makes the highest total number of points under the rules.

The competitions will embrace events with their weights as follows:

		Totals.
1. Infantry drill—first place, 200 points; second place, 150 points; third place, 100 points		450
2. Artillery drill—first place, 75 points; second place, 50 points; third place, 25 points		150
3. Seamanship—first place, 150 points; second place, 100 points; third place, 50 points		300
4. Target practice—first place, 150 points; second place, 100 points; third place, 50 points		300
5. Sailing:		
(1) Cutters—First place, 40 points; second place, 25 points; third place, 10 points; total, 75 points.		
(2) Knockabouts—First place, 25 points; second place, 15 points; third place, 5 points; total, 45 points.		
(3) Catboats—First place, 17 points; second place, 10 points; third place, 3 points; total, 30 points		150
6. Rowing cutters—First place, 40 points; second place, 25 points; third place, 10 points		75
7. Company sports:		
(1) Tennis—		
Singles—Each class champion, 10 points; academy champion, 10 points; total, 50 points	50	
Doubles—Academy champions, 10 points each	20	
(2) Gymnastics—First place in each event, 10 points	50	
(3) Hand ball—		
Singles—Each class champion, 10 points; academy champion, 10 points	50	
Doubles—Academy champions, 10 points each	20	
(4) Wrestling—First place in each weight, 10 points	70	
(5) Swimming—		
First place in each class, 10 points	40	
Academy champion, 10 points	10	
(6) Fencing—		
Foils—First place in each class, 10 points	40	
Academy champion	10	
Dueling swords, champion	10	
Broadswords, champion	10	
Canes, champion	10	
		390
Grand total		1,805

ALPHABETICAL LIST OF OFFICERS (NAVAL AND CIVIL) ATTACHED TO THE NAVAL ACADEMY, OCTOBER 1, 1913.

Alden, C. S., instructor.
Allen, B. C., lieutenant commander
Andrews, Adolphus, lieutenant commander.
Armstrong, G. W., pay clerk.
Asserson, W. C., lieutenant commander.
Atkinson, P. L., assistant instructor, physical training.

Babbitt, H. S., lieutenant (junior grade).
Bagley, D. W., lieutenant.
Baker, G. E., lieutenant (junior grade).
Barker, G. N., lieutenant (junior grade).
Barleon, J. S., lieutenant (junior grade).
Bass, J. A., passed assistant surgeon.
Beauregard, A. T., lieutenant (junior grade).
Beehler, W. P., lieutenant (junior grade).
Bellinger, P. N. L., lieutenant (junior grade).
Bemis, H. M., lieutenant (junior grade).
Berry, R. L., lieutenant commander.
Bidwell, A. T., lieutenant (junior grade).
Bogart, I. C., lieutenant.
Bohmke, Otto, instructor in gymnastics.
Bonilla, R. H., instructor.
Booth, W. W., chief machinist.
Bowdey, G. H., lieutenant (junior grade).
Brereton, W. D., jr., lieutenant (junior grade).
Bronson, A., lieutenant commander.
Brooks, E. K., pay clerk.
Broshek, J. J., lieutenant (junior grade).
Brown, A. N., professor.
Brown, A. W., lieutenant (junior grade).
Bryan, G. S., lieutenant.
Bryan, Samuel, paymaster.
Bulmer, R. C., commander.
Burrage, G. H., commander

Cabaniss, R. W., lieutenant.
Calhoun, G. K., professor of mathematics.
Capron, Paul, instructor.
Carter, W. R., lieutenant (junior grade).
Cassard, W. G., chaplain.
Castleman, K. G., lieutenant.
Chandler, L. H., commander.
Charlton, A. M., lieutenant (junior grade).
Chevalier, G. DeC., ensign.
Clarke, W. E., lieutenant.
Collins, Marshall, lieutenant (junior grade).
Colton, M. A., instructor.
Cooley, H. M., lieutenant.
Corbesier, A. J., first lieutenant, United States Marine Corps.
Corwin, A. A., lieutenant (junior grade).
Costet, Gaston, professor.
Cox, R. E., chief gunner.
Cronan, William, gunner.
Crosse, C. W., lieutenant (junior grade).
Cusachs, C. V., professor of mathematics.

Dahis, Harry, mate.
Dashiell, P. J., professor of mathematics.
David, Bertram, boatswain.
Davis, G. K., lieutenant.
Davis, H. F. D., lieutenant (junior grade).
des Garennes, P. J., professor.
Duval, R. J., cataloguer.

Emory, W. G., second lieutenant, United States Marine Corps.

Fairfield, A. P., lieutenant commander.
Fenton, H. J., instructor.
Fernandez, Arturo, instructor.
Field, J. G., medical inspector.
Ford, L. R., ensign.
Foster, C. H., instructor.
Fournon, L. L. R., instructor.
Fowler, O. W., lieutenant.
Frederick, C. W., instructor.
Friedell, W. L., lieutenant.

Fryer, E. T., captain, United States Marine Corps.
Fuller, H. G., lieutenant.

Garrison, D. M., professor of mathematics.
Gearing, H. C., lieutenant (junior grade).
Ghormley, R. L., lieutenant.
Gibbons, John H., captain.
Gill, C. C., lieutenant (junior grade).
Glassford, W. A., lieutenant.
Grady, Richard, dental surgeon.
Graves, C. S., lieutenant.

Hall, Angelo, professor.
Hall, W. A., lieutenant.
Hall, W. E., lieutenant.
Harshman, W. S., professor of mathematics.
Healy, T. D., chief machinist.
Healey, T. W., chief boatswain.
Heintz, George, jr., swordsmaster.
Herbster, V. D., lieutenant (junior grade).
Hewitt, H. K., lieutenant (junior grade).
Hines, J. F., commander.
Hoff, A. B., commander.
Howard, D. L., lieutenant.
Howe, W. B., lieutenant.

Iden, J. H., surgeon.

Jacobs, W. F., lieutenant.
Johnson, T. L., lieutenant commander.
Johnson, T. W., professor of mathematics.
Johnson, W. W., professor of mathematics.

Kadesch, W. H., professor.
Kenyon, G. W., lieutenant (junior grade).
King, E. J., lieutenant commander.
King, F. R., lieutenant (junior grade).
King, W. J., instructor.
Kinkaid, T. C., lieutenant (junior grade).
Kinkaid, T. W., captain.
Knox, F. M., lieutenant (junior grade).
Krafft, H. F., instructor.

Lane, H. H., passed assistant surgeon.
Lee, Harry, captain, United States Marine Corps.
Lee, S. S., first lieutenant, United States Marine Corps.
Leiper, C. L., professor.
Lockard, J. E., clerk to commandant.
Loftin, E. H., lieutenant (junior grade).
Loftin, Frank, ensign.
Logan, G. W., captain.
Logan, T. J., chief carpenter.

McClintic, W. S., lieutenant.
McCommon, Frank, lieutenant.
McCormick, A. M. D., medical inspector.
McDowell, R. W., passed assistant surgeon.
Magruder, P. H., secretary.
Mahoney, John, chief boatswain.
Mang, L. H., instructor of physical training.
Mann, R. R., lieutenant.
Markland, H. T., lieutenant (junior grade).
Martel, Jose, instructor.
Mayer, Brantz, passed assistant paymaster.
Mayo, C. B., lieutenant.
Meyer, Frederick, chief boatswain.
Morrison, F. W., professor.
Morton, J. P., lieutenant commander.
Moses, F. J., colonel, United States Marine Corps.
Murray, J. M., lieutenant (junior grade).

Neal, G. F., lieutenant.
Norris, W. B., instructor.

Olivet, W. E., instructor.
Osburn, C. T., lieutenant (junior grade).
Osterhaus, H. W., lieutenant commander.

Parker, E. G., surgeon.
Parker, James, jr., lieutenant (junior grade).
Pearson, J. F., chief pharmacist.
Pence, H. L., lieutenant.
Phelps, W. W., commander.
Preston, C. F., commander.
Price, Harry, pay clerk.
Price, H. B., commander.
Pringle, J. R. P., commander.

Ramsay, M. M., pay inspector.
Reuse, H. J., machinist.
Rice, H. L., professor of mathematics.
Root, R. E., instructor.
Ross, C. C., lieutenant (junior grade).

Schelling, J. M., lieutenant (junior grade).
Schutz, J., instructor of physical training.
Scott, D. A., lieutenant (junior grade).
Sears, A. W., lieutenant.
Shackford, Chauncey, lieutenant commander.
Shuler, G. K., second lieutenant, United States Marine Corps.
Simpson, G. W., lieutenant (junior grade).
Slayton, C. C., lieutenant (junior grade).
Smith, A. St. C., lieutenant commander.
Smith, B. L., first lieutenant, United States Marine Corps.
Smith, H. E., professor of mathematics.
Smith, Oscar, jr., lieutenant (junior grade).
Smith, W. D., first lieutenant, United States Marine Corps.
Smith, W. T., lieutenant (junior grade).
Spencer, J. M., assistant librarian.
Stapler, J. T. G., lieutenant.
Stevens, W. O., professor.
Stewart, R. R., lieutenant (junior grade).
Stokes, Arthur, first lieutenant, United States Marine Corps.
Sutton, D. G., passed assistant surgeon.
Symington, T. A., lieutenant (junior grade).

Terry, N. M., professor of mathematics.
Theobald, R. A., lieutenant (junior grade).
Tod, E. W., lieutenant (junior grade).
Tompkins, J. T., commander.
Towers, J. H., lieutenant.
Turner, R. K., lieutenant (junior grade).

Voinot, P. E., professor.

Wade, T. H., instructor.
Walker, R. L., lieutenant.
Wallace, W. O., lieutenant (junior grade).
Wallen, J. W., assistant swordmaster.
Washburn, H. C., instructor.
Westcott, A. F., instructor.
Williams, Roger, lieutenant commander.
Williams, R. O., gunner.
Williams, W. T., pay clerk.
Wilson, E. E., lieutenant (junior grade).
Wolleson, E. A., lieutenant.
Wood, J. W., chief pharmacist.
Wygant, B. B., lieutenant commander.

Ziegler, J. G., passed assistant surgeon.
Zimmermann, C. A., leader of band.

ALPHABETICAL LIST OF MIDSHIPMEN (FOUR CLASSES) ATTACHED TO THE NAVAL ACADEMY, OCTOBER 1, 1913.

Name and initials.	Class.
Adams, R. R.	2
Addoms, A. H.	1
Alexander, B. R.	3
Alexander, W. D.	2
Alford, L. O.	1
Alger, M. M.	3
Allen, J. K.	4
Anderson, H. W.	4
Anderson, J. P.	4
Angel, C. F.	1
Appleton, D. S.	4
Armstrong, D. W.	2
Armstrong, L. V.	2
Arnold, J. C.	1
Arnold, M. B.	2
Arvin, G. S.	1
Ashbrook, A. W.	1
Austin, L. B.	4
Austin, W. D.	1
Avery, H.	4
Awtrey, R. A.	3
Bacon, W. P.	3
Bagby, L. W.	3
Baker, C. A.	3
Baker, H. O.	4
Baker, R. N. S.	2
Baker, W. D.	1
Ball, W. H.	4
Ballou, L. B.	3
Balsley, A. H.	1
Barnett, A.	2
Bartholdi, J. J.	4
Bartlett, S. J.	4
Bateman, A. H.	3
Bates, J. F., jr.	2
Bates, R. W.	2
Baugh, H. V.	3
Bayley, W. W.	1
Beall, R. L.	4
Beard, W. K.	1
Beatty, F. E., jr.	3
Bennett, F. W.	4
Benson, F. W.	3
Berkey, R. S.	3
Berry, A. G., jr.	1
Berwind, C. G.	3
Betts, J. E.	3
Bigelow, A. A.	4
Black, J. D.	1
Blackburn, C. K.	3
Blades, L. J. K.	1
Blair, R. H.	2
Blodgett, H. C.	4
Bloom, J. M.	3
Boak, J. E.	1
Bodfish, H.	2
Boehme, P. L.	4
Bogan, G. F.	3
Borden, W. E., jr.	3
Bourne, R. C.	3
Bower, T. T.	1
Bowman, C. H.	4
Bowman, W. H.	2
Boyer, W. F.	3
Brady, E. E., jr.	4
Braine, C. E., jr.	3
Breed, E.	2

Name and initials.	Class.
Brewer, S. B	4
Brewington, C. W	4
Brewster, G. P., jr	3
Briggs, G. W	3
Brightman, A. B	4
Broadfoot, H. B	3
Brown, H. W	4
Brown, J. H., jr	1
Brown, J. P	2
Brown, L. F	3
Brown, T. G	2
Browne, D	4
Browne, W. T	4
Brush, O. G	4
Bryant, C. F	1
Buchalter, B	4
Buchanan, J. H	1
Bumpus, F. C	1
Bungert, W. D	1
Bunnell, G. F	3
Burgy, W. C	1
Burhans, A. D	3
Burhen, R	2
Burke, T. G	4
Burnett, H. P	2
Burrough, E. W	1
Burstan, R. M	2
Burwell, R. O. B	2
Byers, R. R	4
Bynon, J. F., jr	4
Caldwell, E. B	4
Calhoun, W. C	4
Callahan, M. W	1
Calvert, N. G	2
Campbell, C	4
Campman, J. H	2
Carey, C. B. C	1
Carlson, M. O	3
Carney, R. B	3
Carpenter, D. M	3
Carr, T. DeW	3
Carrington, W. S	3
Carroll, C. S	4
Carson, J. H	3
Cary, R. W., jr	1
Casey, W. R	3
Cauldwell, O. R	3
Cecil, C. P	3
Chadwick, J. H	2
Chalmers, T. L	4
Chambers, I. R	2
Chandler, T. E	2
Chapline, G. F	3
Chenoweth, H. H	2
Childs, E. W. F	2
Chippendale, B. W	2
Christian, K. C	1
Christie, R. W	2
Claghorn, R. R	3
Clark, B. F	1
Clark, C. G	2
Clark, G. W	4
Clark, H. S., jr	2
Clark, H. W	4
Clark, J. J	4
Clark, R. W	2
Clark, S. B	2
Clark, V. O	4
Clarke, H. D	2
Clarke, V. A., jr	1
Clarke, W. P. O	4
Claude, W. S. B	4
Cochrane, E. F	3
Cochrane, E. L	1
Coe, D. W	4
Cohen, M. Y	1
Cole, M	3
Collins, D. M	2
Collins, R. F	4
Compton, J. P	3
Comstock, M	4
Conant, D. G	4
Confer, W. J	2
Connolly, M. J	4
Conolly, R. L	1

Name and initials.	Class.
Conover, J. P., jr	4
Conyne, J. H	4
Cook, S	4
Cooley, T. R., jr	4
Coontz, K. L	4
Cooper, L	3
Cooper, M. C	2
Cooper, T. V	3
Corn, W. A	1
Councill, H. F	4
Courtney, F. J	4
Cowles, W. B	3
Cowley, P. R	3
Craig, A. B	4
Craig, C	3
Craven, F. B	3
Creesy, A. E	4
Creighton, J. M	1
Critchfield, M. H	4
Cronan, J. G	4
Crosley, F. S	4
Cruse, J. R	4
Culbert, F. P	2
Cummings, G. C	4
Cunneen, F. J	1
Curr, C. R	4
Curran, J. A	4
Daab, P. M	4
Dague, B. S	3
Dailey, J. E	3
Dalton, D. M	2
Darrow, R. T	2
Dashiell, R. B	4
Davidson, G. D	3
Davis, A. C	2
Davis, J. K	3
Davis, J. T	2
Davis, Noel	1
Davis, R. O	1
Davis, W. P	4
Davison, R. E	3
Dean, F. H	4
Dees, R. E	4
Deets, S. R	2
Delpino, J. C	2
del Valle, P. A	2
Deming, R. A	1
Denebrink, F. C	4
de Roode, L. R	2
De Veaux, L. C	4
Dickinson, H. T	1
Dietrich, W. F	4
Dillon, S. E	4
Dobyns, G. B	2
Dobyns, T. A., jr	4
Dollarhide, E. S	2
Dombrowski, B. L	1
Dortch, W. B	1
Doughty, L., jr	4
Douglas, A. D	4
Downey, K. C. W	4
Downey, T. F	1
Doyle, T. J	1
Drought, H. L	4
Dudley, S. E	3
Dugger, G. W., jr	1
Duke, W. E	3
Duncan, D. B	4
Dunwoody, K	4
Dupre, D. D	2
Durant, A	3
Durgin, C. T	3
Duvall, E. E., jr	4
Dyer, R. A , 3d	1
Eaches, R. M	4
Earle, F. M	1
Earle, N. P	3
Early, A. R., jr	1
Earnhardt, E. S	3
Easton, G. H	2
Eldredge, H. G	2
Ellsberg, E	1

Name and initials.	Class.
Elmore, W	4
Ely, H. E., jr	4
Ely, H. F	4
Emerson, A. T	3
Erickson, O. W	3
Ericsson, E. L	3
Evans, C. E	3
Evans, D. R	4
Fahrion, F. G	4
Failing, R. V. A	3
Fairlamb, G. R., jr	4
Fallon, H. N	3
Farnsworth, J. S	2
Farrar, R. M	2
Fechteler, W. M	3
Feineman, W. W	3
Ferrell, R. W	1
Field, J. M., jr	2
Fisher, H. A	2
Fisher, T. G	4
Fiske, L. S	3
Fitch, D. B	4
Fitzsimons, P., jr	1
Fitz-Simons, S. G	4
Flagg, A. P	4
Fleming, R. W	4
Fletcher, P. W	1
Flood, B. P	3
Floyd-Jones, K	4
Flynn, C. W	2
Foley, F. C	4
Forrestel, W. J	3
Forshew, J. H., jr	4
Forster, G. F	4
Fortson, R. M	2
Fox, D. C	4
Fox, H. W	4
Fox, W. V	1
Fraser, A. E	3
French, F. G	2
French, I	4
Frere, B	4
Friend, T. H. H	2
Fry, C. D	1
Fuller, E. C	3
Fullinwider, S. P., jr	4
Furey, B. G	3
Gale, T. B	4
Gallup, A. H	4
Gamble, H. G	4
Gamble, M. G., jr	2
Gates, N. N	3
Gathings, J. C	4
Gayle, W. A., jr	4
Gearing, W	1
Geisenhoff, A. C	3
Gibson, M. E	3
Gilchrist, K. P	1
Gill, C. C	3
Gilliam, C. T	3
Ginder, S. P	3
Gladden, C. T. S	1
Glann, A. E	2
Gleich, O. C	4
Glennon, P. T	2
Glick, D	4
Glover, R. O	2
Glutting, P. R	3
Godfrey, V. H	2
Goen, P. S	3
Goeppert, L. W	4
Gover, L. L	4
Graf, H. W	2
Graham, I. M	2
Granat, W	2
Grant, V. F	4
Grassie, H. J	3
Gray, J. F. W	4
Gregory, J. W	3
Griffin, M	1
Grimm, H. F., jr	2
Grosskopf, H. L	3

Name and initials.	Class.
Grove, C. S., 3d	4
Grove, G. W	2
Gruelick, R. W	4
Habrylewicz, L. L	4
Hactor, W. S	2
Haeberle, F. E	4
Hagen, E. G	4
Haines, J. M	4
Hale, J. I	1
Halpine, C. G	3
Halstead, F. D	4
Hamill, C. W	3
Hamilton, S. A	3
Hanafee, F. J	4
Hans, R. F	1
Hansen, C. L	4
Hanson, E. G	4
Hardison, O. B	3
Harper, R. H	4
Harrill, W. K	1
Harris, T. F	4
Harrison, H. H	2
Harrison, T. W., jr	4
Harriss, G. L	4
Hart, W. J., jr	1
Harvey, L	4
Hatch, A. G	2
Hatch, R. S	1
Havill, C. H	3
Hawthorne, W. G	3
Hayden, C. L	4
Hayes, H. D	4
Hayler, R. W	1
Hazlett, E. E., jr	2
Headlee, C. DeV	4
Heard, W. A	1
Heath, W. S	3
Heffernan, J. B	4
Hendley, T. B	4
Henning, E. R	2
Herndon, C	4
Herndon, L	3

Name and initials.	Class.
Hicks, W. A	2
Hill, G. C	2
Hilton, C. H	3
Hinton, J	3
Hitchcock, R. S	3
Hoeffel, K. M	4
Holcombe, B. R	3
Holden, C. F	4
Holmes, M. G	3
Holton, C. M	4
Hooks, D. R	4
Hoops, L. B	2
Hoover, G. B	4
Hoover, G. C	3
Hopkins, W. H., jr	4
Horn, R. DeS	2
Horne, H. M	3
Houchin, L. A	4
Hough, E. B	2
Howard, A. F	2
Howard, G. T	4
Howe, G. T	1
Hoyt, H. W	1
Hudson, L. J	4
Hunter, H. O'D	2
Huntoon, F. C	2
Hurlbut, E. S	4
Huschke, P. W. F	4
Hussey, G. F., jr	3
Hutchinson, M. W., jr	2
Hutson, A. L	4
Hyde, R. U	4
Ingram, H. L	1
Irby, F. S	4
Isaacs, E. V. M	2
Jackson, H. W	4
Jacobs, M. A	4
Jacobsen, A. W	3
Jacobsen, C. L	4
Jalbert, H. H	1
Jefferis, L. V	3

Name and initials.	Class.
Jemail, M. J	4
Jenkins, B. F	3
Jenkins, E. H	3
Jenkins, J. H	4
Jenkins, S. P	2
Johnson, C. W	4
Johnson, R. L	4
Jondreau, R. J	2
Jones, C. H	1
Jones, C. M	4
Jones, E. H	4
Jones, H. S	3
Jones, R. H	3
Jones, R. K	3
Jones, W. D., jr	4
Joy, C. T	3
Kalk, S. F	3
Keady, W. L	3
Keating, R. E	4
Keefe, J. H	4
Keliher, T. J., jr	3
Kell, C. O	2
Keller, G. M	4
Keller, K	4
Kelly, L. E	4
Kennedy, J. F	4
Kennedy, R. N	3
Kenworthy, J. L	3
Kercher, M. A	3
Kessing, O. O	1
Ketcham, T	3
Kiely, R	2
Kiland, I. N	4
Killmaster, B. S	1
Kimball, E. A	4
King, A. E., jr	2
King, E. D	4
Kinne, M. T	2
Kirby, L., jr	2
Kirtland, C. W	4
Kirtland, F. D	3
Kirtland, S. W	3
Kitts, W. A., 3d	3
Klein, G. C	3
Klein, H. S	4
Kneip, J. B	2
Knowles, H. B	4
Krez, C. A	3
Kriner, G. C	2
Kyle, J. R., jr	2
Laferty, P. G	2
Lahodny, W. J	1
Lamont, G. P	2
La Motte, R. S	3
Landis, A	2
Larson, W. J	1
Latimore, T. C., jr	1
Lawrence, N. T., jr	3
Lawson, J. H	3
Laycock, J. N	1
Leggett, W. A	4
Lehrfeld, I	4
Lein, C. L	2
Lennon, J. J	3
Leonard, H. R., jr	1
Leonard, N. J	2
Lewis, C. E	2
Lewis, J. M	2
Lewis, L. S	2
Libenow, F. K	2
Lindstrom, G. T	4
Lively, F. W	4
Lonergan, S. J	2
Lorenz, W. J	2
Loventhal, W. F	3
Low, F. S	2
Lowe, F. L	1
Lowry, E. J	4
Lucado, T. J	4
Ludlow, W. G., jr	4
Luker, R. P	1
Lusk, J. C	2

Name and initials.	Class.
Luth, W. C	4
Lyle, C. H	3
Lyle, H. K	3
McCaffrey, F. A	2
McCann, A. R	4
McCarty, W. L	4
McClure, C. I	1
McCoach, E. S	2
McCormick, L. D	2
McCown, J. A	1
McCrea, J. L	2
McDonald, L. H	1
McFall, A. C	3
McGinnis, K	3
McGuigan, J. L	1
McIver, G. W., jr	4
McKee, A. I	4
McReavy, C. J	1
McReynolds, R. W., jr	4
Macgowan, C. A	1
Mack, A. R	4
MacKay, W. E	3
Maher, J. E	2
Maher, S. A	2
Mahoney, J. J	2
Mail, F. M., jr	2
Major, E. M	3
Malloy, W. E	1
Manly, J. McC	2
Manning, G. C	1
Manton, J. P	4
Maples, H. L	4
Marbourg, E. F	4
Marron, A. R	1
Marshall, P	2
Marston, F. R	3
Martin, C. F	1
Martin, G. F	3
Marvell, G	1
Mason, G. H	4
Massman, H. B., jr	3
Matteson, S. H	2
Matthews, R. B	4
Maury, R. H	1
Maury, S. F	1
Mayer, A. D	3
Mayfield, S. G., jr	3
Meadows, P. L	3
Mecum, C. H	1
Mentz, G. F	4
Merrell, E. B	4
Merwin, H. C	3
Metcalf, J. T	4
Meyers, H. M	2
Miles, A. C	3
Miller, M. C	2
Miller, W. E	3
Minnis, J. A	2
Mitchell, E. A	4
Mitchell, R. J	2
Mittendorf, H. C	1
Moen, A. T	4
Moloney, J. F	1
Moon, D. P	3
Moore, A. J	3
Moore, L. R	2
Moore, S. G	1
Moore, V. J	4
Moore, V. R	4
Moran, E. J	4
Morcock, W. J	4
Morgan, G	3
Morgan, P. C	2
Morris, E. W	4
Moss, J. E	4
Moss, J. M	1
Moyer, J. G	1
Mullinnix, H. M	3
Murphy, J. V	4
Muschlitz, E. E	4
Naill, R. F	4
Nash, T. L	1
Neiley, G. F	1
Neill, J. B., jr	4

Name and initials.	Class.
Neilson, F. W.	4
Nelson, D. D.	3
Nelson, G. W.	1
Nelson, H. J.	1
Nelson, R. M., jr.	2
Nelson, Wm.	2
Nicholls, W. M.	1
Nichols, H. J.	4
Nimitz, O.	2
Noble, A.	4
Northern, P. L., jr.	3
Nunnally, W. J., jr.	2
O'Brien, F. K.	1
Offley, A. N.	1
Ogg, R. R.	4
O'Neill, O. E.	2
Osborn, C. F.	2
Oster, H. R.	4
Ostrander, J. E., jr.	4
Overesch, H. E.	2
Overman, A. G. C.	4
Padan, F. L.	4
Paddock, H. E.	2
Page, A. H., jr.	4
Page, B. H.	1
Paige, J. W.	4
Palmer, E. C.	1
Pamperin, A. T.	3
Park, P. H.	4
Parker, I.	3
Parkhurst, T. R.	4
Parkinson, R. M.	2
Partello, M. C.	2
Patterson, T. T.	3
Peck, DeW.	2
Peck, E. D.	1
Pelton, F. E.	1
Pennoyer, F. W., jr.	2
Pennoyer, R. G.	1
Percival, F. G.	1
Perkins, C. N.	4

Name and initials.	Class.
Perry, B. F.	2
Perry, J. D.	4
Perry, R. E.	1
Peyton, T. G.	2
Phelps, H. L.	3
Phillips, E. R.	4
Phillips, W. K.	4
Pigman, N. M.	2
Pike, W. H. A., jr.	2
Poindexter, G. A.	4
Popham, W. S., jr.	1
Porter, R. L., jr.	4
Porter, W. H., jr.	1
Portz, W. P.	2
Post, C. K.	4
Powers, F. D.	1
Powers, M. W.	2
Preas, R. A.	2
Presnell, B. K.	4
Preston, K.	2
Price, A. I.	4
Price, G. D.	3
Price, J. D.	3
Price, W. R.	3
Quarles, S. H.	1
Quinby, W. P.	4
Quynn, A. G.	2
Radford, A. W.	3
Ragsdale, V. H.	3
Ralston, B. B.	1
Randolph, R. L., jr.	4
Ransbottom, R. E.	4
Rawlings, N. L.	4
Ray, H. J.	1
Ray, J. S.	2
Reagle, C. M.	4
Reaves, A. G.	4
Redfield, H. J.	3
Redman, J. R.	1
Reed, M. W.	3
Reifel, W. McK.	4

Name and initials.	Class.
Reinburg, J. E	3
Reynolds, W., jr	4
Rhea, P. M	2
Rhudy, A. M	3
Richards, F. G	2
Richards, W. P	4
Richardson, C. G	2
Riche, S	1
Richmond, J. O'D	4
Ring, M. L	2
Ritchie, O. H	2
Roberts, J. S., jr	3
Robnett, J. D., jr	4
Rock, B. N	4
Rockwell, J. H	2
Rockwell, S. G	2
Rodgers, B. J	3
Roehl, W. F	1
Rogers, A. C	3
Rogers, E. B	4
Rogers, F. O	4
Rooks, A. H	1
Root, A. B	3
Roper, C. H	3
Rosendahl, C. E	1
Ross, D. M	4
Ross, G. E., jr	4
Ross, T. D	4
Routier, G. E	4
Royal, F. B	2
Royce, D	1
Ruddock, T. D., jr	1
Rutledge, P. W	3
Ryan, D. L	3
Ryan, J. B	3
Safford, L. F	3
Sallada, H. B	4
Samson, H. P	1
Sargent, L. P	4
Sauer, E. P	3
Sawyer, A. L	3
Schlossbach, I	2
Schmidt, H	3
Schneider, A. P	4
Schofield, A. R	4
Schott, W. W	3
Schrader, A. E	3
Schumacher, T. L	4
Scott, J. A	3
Scott, J. B	4
Scott, L. B	2
Sease, H. S	4
Selman, A. J	3
Senn, E. M	4
Shears, K. R	1
Shelley, T	2
Shepard, A. G	4
Shoemaker, J. M	2
Shofner, W. J	2
Short, E. T	1
Shortridge, P. F	4
Shown, W. V	4
Shumaker, S. R	2
Simms, J. W	3
Sitz, W. H	3
Sizer, B. L	4
Skylstead, R. F	4
Slingluff, T. C	1
Small, J. D	2
Small, L. F	4
Smith, A. E	2
Smith, E. M	3
Smith, F. A	4
Smith, F. B	2
Smith, H. W	4
Snelling, W. M	2
Sobel, H. R	4
Solberg, T. A	3
Spanagel, H. A	1
Sparrow, E	4
Spellman, F. T	4
Spencer, D. A	4
Sperry, M. L., jr	2

Name and initials.	Class.	Name and initials.	Class.
Spicer, D.	4	Toombs, H. J.	4
Sprague, J. H.	2	Topp, E.	4
Spriggs, M. H.	2	Tovey, H. O.	2
Spruance, O. E.	4	Truesdell, S. D.	1
Stanton, W. H.	4	Truxes, A. H.	4
Staples, G. B.	4	Twining, R. B.	3
Starkey, R. C.	1	Twomey, J. J.	4
Staud, B. F.	4	Tyler, J. C.	4
Stecher, L. J.	1		
Stedman, L. L.	2	Umsted, S.	2
Steece, D. M.	1		
Steele, J. M.	3	Vaiden, J. L.	1
Steeves, L. S.	4	Vail, L. R.	3
Stengel, S. C.	1	Van Buskirk, R. J.	3
Stephan, A. R.	2	Vaughan, R. L.	1
Sterling, T. W.	1	Vickery, H. L.	2
Sternberg, J. A.	3	Vickrey, C. C.	2
Stoffel, E. J.	3	Villamena, V. A.	4
Stone, J. G. M.	4	Vincent, J. A.	3
Stonestreet, M. B.	3	Vinson, T. N.	1
Struble, A. D.	2	Vyse, W. C.	4
Stump, F. B.	4	Vytlacil, N.	4
Sumners, G. W.	3		
Sutherland, W. C.	3	Waddell, J. E.	4
Svec, W. F.	4	Wagner, F. D.	2
Swain, C. D.	1	Wahl, E. A.	3
Sweet, R. F.	4	Wainwright, L.	4
Swenson, L. K.	3	Waldschmidt, T. M.	4
Swink, R. C.	3	Walker, A. W.	1
		Walker, M. J.	2
Tawresey, A. P. H.	1	Walker, R. J.	3
Teasley, W. A.	1	Waller, J. B. W.	1
Terhune, J. A.	3	Wallin, H. N.	4
Tevis, P. U.	4	Walton, J. N.	4
Thoma, C. G.	4	Ward, C. O.	4
Thomas, A. C.	2	Warner, T. D.	3
Thomas, F. P.	1	Warren, P. W.	4
Thomas, W. D.	2	Washburn, D. F.	1
Thompson, W. M.	3	Watson, D. C.	2
Tildsley, J. M.	3	Watters, J. S., jr.	3
Tisdale, R. D.	2	Wead, F. W.	3
Tobin, R. G.	4	Weaver, P. R.	1
Tolman, T. W.	4	Webb, A. W.	3

Name and initials.	Class.	Name and initials.	Class.
Webb, R. E.	3	Winslow, W.	2
Webb, W. W.	3	Withers, N.	2
Weber, G. K.	4	Wood, G. H.	2
Wedderburn, C. F.	2	Wood, L.	2
Weis, F. L.	4	Woodruff, J. L.	4
Weitzel, C. W.	4	Woodward, D. C.	3
Wells, B. O.	4	Woolford, L. B.	4
Wertheimer, J. F.	4	Wooster, S. H.	4
Wessell, L. P.	3	Wooten, J. C., jr.	4
Westfall, T. D.	1	Worden, F. L.	4
Wheeler, C. J.	3	Worrell, M. L.	1
Wheeler, E. B.	4	Wotherspoon, A. S.	2
White, H. J.	3	Wright, R. R.	2
White, J. J., jr.	4	Wurtele, A. R.	2
Whitson, J. A.	4	Wyatt, B. H.	4
Whittaker, H. R.	4	Wyman, R.	4
Wicks, Z. W.	1	Wyman, R. S.	1
Wiley, H. V.	2	Wynkoop, N. O.	3
Wilkes, J.	3	Wynne, S. J.	4
Williams, J. E.	3	Wynne, W. M. A.	2
Wills, A. E.	1	Yeatman, P. W.	1
Wilson, G. B.	1	Young, C.	3
Wilson, S. L.	1		
Wiltse, L. J.	1		
Winslow, J. S.	1	Ziroli, H. W.	3

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